

March 9, 2021

### BY ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk Rhode Island Public Utilities Commission 89 Jefferson Boulevard Warwick, RI 02888

RE: Docket 5099 - FY 2022 Gas Infrastructure, Safety and Reliability Plan Written Analysis Regarding Gas ISR Spend vs. Plant in Service

Dear Ms. Massaro:

On behalf of National Grid, I have enclosed for filing in the above-referenced docket the Company's written Analysis Regarding Gas ISR Spend vs. Plant in Service.

Thank you for your attention to this matter. If you have any questions, please contact me at 781-472-0531.

Very truly yours,

Raquel J. Webster

Docket 5099 Service List cc: Leo Wold, Esq. Al Mancini, Division John Bell, Division Rod Walker, Division

<sup>1</sup> The Narragansett Electric Company d/b/a National Grid ("National Grid" or the "Company").

### Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.

Joanne M. Scanlon

March 9, 2021

Date

# Docket No. 5099- National Grid's FY 2022 Gas Infrastructure, Safety and Reliability (ISR) Plan - Service List 1/7/2021

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The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-1 Page 1 of 1

### Written Analysis Regarding Gas ISR Spend vs. Plant in Service

The Company conducted an analysis to evaluate the impact of calculating a revenue requirement on capital investment for the Company's Gas business under two different approaches: (1) traditional gas investment, where construction commences and concludes within the same fiscal period ("Spending Model"); and (2) less frequent, multi-year construction projects ("Plant-in-Service Model"). Please see Attachment MAL-2 for the Company's analysis.

The results of the Company's analysis reflects that there is essentially no difference in revenue requirement between a Spending Model and a Plant-in-Service Model due to the half-year convention employed in calculating the revenue requirement for the first year in which the investment's revenue requirement is calculated. A half-year convention assumes that plant is placed into service evenly throughout the 12-month period, and, therefore, on average, assets have been in-service and depreciating for half of their first year of investment. Due to the short construction season in the Gas business, which typically runs from April 1 to October 31, a half-year convention is reflective of what occurs in reality. Customers do not stand to significantly benefit from one model or the other. Therefore, the Company believes that both ratemaking approaches are justified for traditional Gas investment where construction commences and concludes within the same 12-month period.

The Company also evaluated the impact on longer-term construction projects, using the Cumberland LNG Tank Replacement project as an example. The Company's analysis shows that on a nominal basis, the total revenue requirement of multi-year construction projects over the life of the assets would be higher using a Plant-in-Service Model, mainly due to Allowance for Funds Used during Construction ("AFUDC") that accrues in a Plant-in-Service Model since project dollars reside in the Construction Work in Progress account. However, on a 20-year net present value ("NPV") basis, customers would benefit from a Plant-in Service Model because customers do not start funding the asset until it is recorded as in-service. Although customers pay more in nominal dollars, the delay in the start of customer funding overcomes the incremental AFUDC included in the capitalized costs over a 20-year NPV analysis.

As a result of this evaluation, the Company has no objection to calculating the revenue requirement for the Gas ISR in a manner consistent with the way the Company calculates its Electric ISR revenue requirement, which is based on a Plant-in-Service model. The Company recommends that the revenue requirement of the Gas investment having a construction cycle of 12 months or less which is estimated to be completed either within a fiscal year or no later than 3 months following the conclusion of a fiscal year be calculated based on the Spending Model currently employed. For significant multi-year projects for which construction extends over more than one 12-month period, the Company recommends the revenue requirement of the capitalized costs of the assets, associated retirements, and cost of removal be calculated based on the Plant-in-Service Method beginning in the year in which the assets are recorded as in service.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 1 of 26

### Scenario

1 Gas capital investment < 1 year to complete

Assumes \$180.0 million FY2022 Gas ISR investment Plan as filed

		Total Revenue		
		Requirement	20-Year NPV	Page Ref.
1a	Plant in Service model	\$253,069,426	\$96,390,748	Page 2 of 26
1b	Capital Spending model	\$253,069,426	\$96,390,748	as filed
	delta	\$0	\$0	

Multi-year construction projects: Cumberland LNG Tank Replacement as example Assumes \$100 million project to be placed into service in FY 2027

	1 7 1	<b>Total Revenue</b>		
		Requirement	20-Year NPV	Page Ref.
2a	Plant in Service model	\$236,950,156	\$62,513,940	Page 10 of 26
2b	Capital Spending model	\$230,789,799	\$69,862,972	Page 18 of 26
	delta	(\$6,160,357)	\$7,349,032	

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 2 of 26

<u>(1a)</u>	a) Gas investment Plant In Service Model, assumes plant placed into service within the FY of construction  The Narragansett Electric Company  d/b/a National Grid  FY 2022 Gas ISR Revenue Requirement Plan		1	2	3	4	5	6	7	8	9	10
Line No.	·	Forecasted Incremental Gas Capital Investment	In-Service Year Fiscal Year  2022 (a)	Fiscal Year  2023 (b)	Fiscal Year  2024 (c)	Fiscal Year  2025 (d)	Fiscal Year  2026 (e)	Fiscal Year  2027 (f)	Fiscal Year  2028 (g)	Fiscal Year  2029 (h)	Fiscal Year  2030 (i)	Fiscal Year 2031 (j)
1 2 2a	Depreciable Net Capital Included in ISR Rate Base Total Allowed Capital Included in ISR Rate Base in Current Year Retirements Allowance for Funds Used During Construction	As filed Sec 3 Attachment 1 As filed Sec 3 Attachment 1 n/a	\$175,462,000 \$21,307,741 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0
3	Net Depreciable Capital Included in ISR Rate Base	Year 1 = Line 1 - Line 2; then = Prior Year Line 3	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259
4 5 6	Change in Net Capital Included in ISR Rate Base Capital Included in ISR Rate Base Depreciation Expense Incremental Capital Amount	Line 1 As filed Sec 3 Attachment 1 Year 1 = Line 4 - Line 5: then = Prior Year	\$175,462,000 \$40,954,246	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
7	Cost of Removal	Line 6 As filed Sec 3 Attachment 1	\$134,507,754 \$4,212,654	\$134,507,754 \$4,212,654	\$134,507,754 \$4,212,654	\$134,507,754 \$4,212,654	\$134,507,754 \$4,212,654	\$134,507,754 \$4,212,654	\$134,507,754 \$4,212,654	\$134,507,754 \$4,212,654	\$134,507,754 \$4,212,654	\$134,507,754 \$4,212,654
8		Line 6 + Line 7	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408
8	Net Plant Amount	Line 6 + Line /	\$138,/20,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,/20,408	\$138,/20,408
9	Deferred Tax Calculation: Composite Book Depreciation Rate	RIPUC 4770	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%
10	Tax Depreciation	Year 1 = Page 16 of 25, Line 21, Col (a); then = Page 16 of 25, Col (d) Year 1 = Line 10; then = Prior Year Line 11	\$149,466,469	\$2,307,475	\$2,134,230	\$1,974,411	\$1,826,098	\$1,689,293	\$1,562,396	\$1,445,408	\$1,426,230	\$1,425,910
11	Cumulative Tax Depreciation	+ Current Year Line 10	\$149,466,469	\$151,773,944	\$153,908,175	\$155,882,586	\$157,708,684	\$159,397,977	\$160,960,373	\$162,405,781	\$163,832,011	\$165,257,921
12	Book Depreciation	Year 1 = Line 3 × Line 9 × 50%; then = Line 3 × Line 9	\$2,304,606	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212
13	Cumulative Book Depreciation	Year 1 = Line 12; then = Prior Year Line 13 + Current Year Line 12	\$2,304,606	\$6,913,819	\$11,523,031	\$16,132,243	\$20,741,456	\$25,350,668	\$29,959,880	\$34,569,093	\$39,178,305	\$43,787,517
14 15	Cumulative Book / Tax Timer Effective Tax Rate	Line 11 - Line 13	\$147,161,863 21.00%	\$144,860,126 21.00%	\$142,385,144 21.00%	\$139,750,342 21.00%	\$136,967,228 21.00%	\$134,047,309 21.00%	\$131,000,493 21.00%	\$127,836,688 21.00%	\$124,653,706 21.00%	\$121,470,404 21.00%
16	Deferred Tax Reserve	Line 14 × Line 15	\$30,903,991	\$30,420,626	\$29,900,880	\$29,347,572	\$28,763,118	\$28,149,935	\$27,510,103	\$26,845,705	\$26,177,278	\$25,508,785
17 18	Add: FY 2022 Federal NOL utilization Net Deferred Tax Reserve before Proration Adjustment	Page 18 of 25 , Line 12 ,Col (e) Line 16 + Line 17	\$6,564,587 \$37,468,578	\$6,564,587 \$36,985,213	\$6,564,587 \$36,465,467	\$6,564,587 \$35,912,159	\$6,564,587 \$35,327,705	\$6,564,587 \$34,714,522	\$6,564,587 \$34,074,690	\$6,564,587 \$33,410,292	\$6,564,587 \$32,741,865	\$6,564,587 \$32,073,372
19 20 21 22	ISR Rate Base Calculation:  Cumulative Incremental Capital Included in ISR Rate Base Accumulated Depreciation Deferred Tax Reserve Year End Rate Base before Deferred Tax Proration	Line 8 - Line 13 - Line 18 Sum of Lines 19 through 21	\$138,720,408 (\$2,304,606) (\$37,468,578) \$98,947,224	(\$6,913,819)		(\$16,132,243)	\$138,720,408 (\$20,741,456) (\$35,327,705) \$82,651,247		(\$29,959,880)	\$138,720,408 (\$34,569,093) (\$33,410,292) \$70,741,024	\$138,720,408 (\$39,178,305) (\$32,741,865) \$66,800,238	\$138,720,408 (\$43,787,517) (\$32,073,372) \$62,859,519
23	Revenue Requirement Calculation:  Average Rate Base before Deferred Tax Proration Adjustment	Year 1 = Current Year Line $22 \div 2$ ; then = (Prior Year Line $22 +$ Current Year Line $22$ ) $\div 2$	\$49,473,612	\$96,884,300	\$92,776,643	\$88,703,958	\$84,663,627	\$80,653,233	\$76,670,528	\$72,713,431	\$68,770,631	\$64,829,878
24	Proration Adjustment	Page 7 of 26, Line 41	(\$5,998)	(\$20,747)	(\$22,309)	(\$23,749)	(\$25,086)	(\$26,319)	(\$27,463)	(\$28,518)	(\$28,690)	(\$28,693)
25	Average ISR Rate Base after Deferred Tax Proration	Line 23 + Line 24 RIPUC 4770	\$49,467,614	\$96,863,553	\$92,754,334	\$88,680,209	\$84,638,541	\$80,626,914	\$76,643,065	\$72,684,913	\$68,741,941	\$64,801,185
26 27 28	Pre-Tax ROR Return and Taxes Book Depreciation	RIPUC 4770 Line 25 × Line 26 Line 12	\$4,160,226 \$2,304,606	8.41% \$8,146,225 \$4,609,212	8.41% \$7,800,640 \$4,609,212	8.41% \$7,458,006 \$4,609,212	8.41% \$7,118,101 \$4,609,212	8.41% \$6,780,723 \$4,609,212	8.41% \$6,445,682 \$4,609,212	8.41% \$6,112,801 \$4,609,212	8.41% \$5,781,197 \$4,609,212	\$5,449,780 \$4,609,212
29	Annual Revenue Requirement	Sum of Lines 27 through 28	\$6,464,832	\$12,755,437	\$12,409,852	\$12,067,218	\$11,727,314	\$11,389,936	\$11,054,894	\$10,722,014	\$10,390,410	\$10,058,992
30 31	Total Revenue Requirement 20-year NPV	<u> </u>	\$253,069,426 \$96,390,748	, , ,	, , ,		, ,			, ,		, ,

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 3 of 26

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### Gas investment Plant In Service Model, assumes plant placed into service within the FY of construction

The Narragansett Electric Company d/b/a National Grid

FY 2022 Gas ISR Revenue Requirement Plan

FY 2022 Revenue Requirement FY 2022 Forecasted Incremental Gas Capital Investme

	FY 2022 Revenue Requirement FY 2022	Forecasted Incremental Gas Capital Investme	е									
Line No.	D. H.N.G. SHILLI SERRAD		Fiscal Year 2032 (k)	Fiscal Year 2033 (1)	Fiscal Year 2034 (m)	Fiscal Year 2035 (n)	Fiscal Year 2036 (o)	Fiscal Year 2037 (p)	Fiscal Year 2038 (q)	Fiscal Year 2039 (r)	Fiscal Year 2040 (s)	Fiscal Year 2041 (t)
1 2	Depreciable Net Capital Included in ISR Rate Base Total Allowed Capital Included in ISR Rate Base in Current Year Retirements	As filed Sec 3 Attachment 1 As filed Sec 3 Attachment 1	\$0 \$0									
2a	Allowance for Funds Used During Construction	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Net Depreciable Capital Included in ISR Rate Base	Year 1 = Line 1 - Line 2; then = Prior Year Line 3	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259
4	Change in Net Capital Included in ISR Rate Base Capital Included in ISR Rate Base	Line 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	Depreciation Expense	As filed Sec 3 Attachment 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Incremental Capital Amount	Year 1 = Line 4 - Line 5; then = Prior Year Line 6	\$134,507,754	\$134,507,754	\$134,507,754	\$134,507,754	\$134,507,754	\$134,507,754	\$134,507,754	\$134,507,754	\$134,507,754	\$134,507,754
7	Cost of Removal	As filed Sec 3 Attachment 1	\$4,212,654	\$4,212,654	\$4,212,654	\$4,212,654	\$4,212,654	\$4,212,654	\$4,212,654	\$4,212,654	\$4,212,654	\$4,212,654
8	Net Plant Amount	Line 6 + Line 7	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408
9	<u>Deferred Tax Calculation:</u> Composite Book Depreciation Rate	RIPUC 4770	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%
10	Tax Depreciation	Year 1 = Page 16 of 25, Line 21, Col (a); then = Page 16 of 25, Col (d) Year 1 = Line 10; then = Prior Year Line 11	\$1,426,230	\$1,425,910	\$1,426,230	\$1,425,910	\$1,426,230	\$1,425,910	\$1,426,230	\$1,425,910	\$1,426,230	\$1,425,910
11	Cumulative Tax Depreciation	+ Current Year Line 10	\$166,684,151	\$168,110,061	\$169,536,291	\$170,962,201	\$172,388,431	\$173,814,341	\$175,240,571	\$176,666,481	\$178,092,711	\$179,518,621
12	Book Depreciation	Year 1 = Line $3 \times \text{Line } 9 \times 50\%$ ; then = Line $3 \times \text{Line } 9$	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212
13	Cumulative Book Depreciation	Year 1 = Line 12; then = Prior Year Line 13 + Current Year Line 12	\$48,396,730	\$53,005,942	\$57,615,154	\$62,224,367	\$66,833,579	\$71,442,791	\$76,052,004	\$80,661,216	\$85,270,428	\$89,879,641
14 15	Cumulative Book / Tax Timer Effective Tax Rate	Line 11 - Line 13	\$118,287,421	\$115,104,119 21.00%	\$111,921,136 21.00%	\$108,737,834 21.00%	\$105,554,852 21.00%	\$102,371,550 21.00%	\$99,188,567 21.00%	\$96,005,265 21.00%	\$92,822,282 21.00%	\$89,638,980 21.00%
16	Deferred Tax Reserve	Line 14 × Line 15	\$24,840,358	\$24,171,865	\$23,503,439	\$22,834,945	\$22,166,519	\$21,498,025	\$20,829,599	\$20,161,106	\$19,492,679	\$18,824,186
17	Add: FY 2022 Federal NOL utilization	Page 18 of 25, Line 12, Col (e)	\$6,564,587	\$6,564,587	\$6,564,587	\$6,564,587	\$6,564,587	\$6,564,587	\$6,564,587	\$6,564,587	\$6,564,587	\$6,564,587
18	Net Deferred Tax Reserve before Proration Adjustment	Line 16 + Line 17	\$31,404,945	\$30,736,452	\$30,068,026	\$29,399,532	\$28,731,106	\$28,062,612	\$27,394,186	\$26,725,693	\$26,057,266	\$25,388,773
	ISR Rate Base Calculation:											
19	Cumulative Incremental Capital Included in ISR Rate Base	Line 8	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408		\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408
20	Accumulated Depreciation	- Line 13	(\$48,396,730)									(\$89,879,641)
21 22	Deferred Tax Reserve Year End Rate Base before Deferred Tax Proration	- Line 18 Sum of Lines 19 through 21	(\$31,404,945) \$58,918,733	(\$30,736,452) \$54,978,014	(\$30,068,026) \$51,037,228	(\$29,399,532) \$47,096,509	(\$28,731,106) \$43,155,723	(\$28,062,612) \$39,215,004	(\$27,394,186) \$35,274,218	(\$26,725,693) \$31,333,499	(\$26,057,266) \$27,392,713	(\$25,388,773) \$23,451,994
	Revenue Requirement Calculation:	V 1 G V 1 22 A										
23	Average Rate Base before Deferred Tax Proration Adjustment	Year 1 = Current Year Line 22 ÷ 2; then = (Prior Year Line 22 + Current Year Line 22) ÷ 2	\$60,889,126	\$56,948,373	\$53,007,621	\$49,066,869	\$45,126,116	\$41,185,364	\$37,244,611	\$33,303,859	\$29,363,106	\$25,422,354
24	Proration Adjustment	Page 7 of 26, Line 41	(\$28,690)	(\$28,693)	(\$28,690)	(\$28,693)	(\$28,690)	(\$28,693)	(\$28,690)	(\$28,693)	(\$28,690)	(\$28.693)
25	Average ISR Rate Base after Deferred Tax Proration	Line 23 + Line 24	\$60,860,436	\$56,919,680	\$52,978,931	\$49,038,176	\$45,097,426	\$41,156,671	\$37,215,921	\$33,275,166	\$29,334,416	\$25,393,661
26	Pre-Tax ROR	RIPUC 4770	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%
27	Return and Taxes	Line 25 × Line 26	\$5,118,363	\$4,786,945	\$4,455,528	\$4,124,111	\$3,792,693	\$3,461,276	\$3,129,859	\$2,798,441	\$2,467,024	\$2,135,607
28	Book Depreciation	Line 12	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212
29	Annual Revenue Requirement	Sum of Lines 27 through 28	\$9,727,575	\$9,396,157	\$9,064,740	\$8,733,323	\$8,401,906	\$8,070,488	\$7,739,071	\$7,407,654	\$7,076,237	\$6,744,819
30	Total Revenue Requirement											

Total Revenue Requirement

30 31 20-year NPV

### The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 4 of 26

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### Gas investment Plant In Service Model, assumes plant placed into service within the FY of construction

The Narragansett Electric Company d/b/a National Grid

FY 2022 Gas ISR Revenue Requirement Plan

FY 2022 Revenue Requirement FY 2022 Forecasted Incremental Gas Capital Investme

	r i 2022 Revenue Requirement r i 2022 i	rorecasteu incrementar Gas Capitar investini	•									
Line No.			Fiscal Year 2042 (u)	Fiscal Year 2043 (v)	Fiscal Year 2044 (w)	Fiscal Year  2045 (x)	Fiscal Year 2046 (y)	Fiscal Year 2047 (z)	Fiscal Year 2048 (aa)	Fiscal Year 2049 (bb)	Fiscal Year 2050 (cc)	Fiscal Year 2051 (dd)
	Depreciable Net Capital Included in ISR Rate Base						•					
1	Total Allowed Capital Included in ISR Rate Base in Current Year	As filed Sec 3 Attachment 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	Retirements	As filed Sec 3 Attachment 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2a	Allowance for Funds Used During Construction	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Net Depreciable Capital Included in ISR Rate Base	Year 1 = Line 1 - Line 2; then = Prior Year										
		Line 3	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259
	Change in Net Capital Included in ISR Rate Base											
4	Capital Included in ISR Rate Base	Line 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	Depreciation Expense	As filed Sec 3 Attachment 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Incremental Capital Amount	Year 1 = Line 4 - Line 5; then = Prior Year										
		Line 6	\$134,507,754	\$134,507,754	\$134,507,754	\$134,507,754	\$134,507,754	\$134,507,754	\$134,507,754	\$134,507,754	\$134,507,754	\$134,507,754
7	Cost of Removal	As filed Sec 3 Attachment 1	\$4,212,654	\$4,212,654	\$4,212,654	\$4,212,654	\$4,212,654	\$4,212,654	\$4,212,654	\$4,212,654	\$4,212,654	\$4,212,654
8	Net Plant Amount	Line 6 + Line 7	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408
												_
	Deferred Tax Calculation:											
9	Composite Book Depreciation Rate	RIPUC 4770	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%
		V 1 D 16 605 V: 01 G 16 )										
10	m m in the	Year 1 = Page 16 of 25, Line 21, Col (a);	6512.115		\$0	\$0	\$0	\$0	\$0	\$0	\$0	60
10	Tax Depreciation	then = Page 16 of 25, Col (d)	\$713,115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	20	\$0
11	C 16 T D 16	Year 1 = Line 10; then = Prior Year Line 11 + Current Year Line 10	\$180,231,736	6100 221 726	6100 221 726	\$180,231,736	\$180,231,736	\$180,231,736	6100 221 726	\$180,231,736	6100 221 726	\$180,231,736
11	Cumulative Tax Depreciation	+ Current Year Line 10	\$180,231,736	\$180,231,736	\$180,231,736	\$180,231,736	\$180,231,736	\$180,231,736	\$180,231,736	\$180,231,736	\$180,231,736	\$180,231,736
		Year 1 = Line $3 \times \text{Line } 9 \times 50\%$ ; then =										
12	Book Depreciation	Line 3 × Line 9	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212
12	Book Depreciation		34,009,212	\$4,009,212	54,009,212	\$4,009,212	54,007,212	\$4,007,212	\$4,009,212	34,009,212	54,009,212	54,009,212
	_ ,, _ ,_ ,,	Year 1 = Line 12; then = Prior Year Line 13										
13	Cumulative Book Depreciation	+ Current Year Line 12	\$94,488,853	\$99,098,065	\$103,707,278	\$108,316,490	\$112,925,702	\$117,534,915	\$122,144,127	\$126,753,339	\$131,362,552	\$135,971,764
14	Cumulative Book / Tax Timer	Line 11 - Line 13	\$85,742,883	\$81,133,670	\$76,524,458	\$71,915,246	\$67,306,033	\$62,696,821	\$58,087,609	\$53,478,396	\$48,869,184	\$44,259,972
15	Effective Tax Rate	Line 11 - Line 13	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
16	Deferred Tax Reserve	Line 14 × Line 15	\$18,006,005	\$17,038,071	\$16,070,136	\$15,102,202	\$14,134,267	\$13,166,332	\$12,198,398	\$11,230,463	\$10,262,529	\$9,294,594
17	Add: FY 2022 Federal NOL utilization	Page 18 of 25, Line 12, Col (e)	\$6,564,587	\$6,564,587	\$6,564,587	\$6,564,587	\$6,564,587	\$6,564,587	\$6,564,587	\$6,564,587	\$6,564,587	\$6,564,587
18	Net Deferred Tax Reserve before Proration Adjustment	Line 16 + Line 17	\$24,570,592	\$23,602,658	\$22,634,723	\$21,666,789	\$20,698,854	\$19,730,919	\$18,762,985	\$17,795,050	\$16,827,116	\$15,859,181
			0-1,010,00	,,		,,	,,	,	0.0,,00,,00	***********	***,***	410,000,100
	ISR Rate Base Calculation:											
19	Cumulative Incremental Capital Included in ISR Rate Base	Line 8	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408
20	Accumulated Depreciation	- Line 13	(\$94,488,853)	(\$99,098,065)	(\$103,707,278)	(\$108,316,490)				(\$126,753,339)	(\$131,362,552)	(\$135,971,764)
21	Deferred Tax Reserve	- Line 18	(\$24,570,592)	(\$23,602,658)	(\$22,634,723)	(\$21,666,789)	(\$20,698,854)	(\$19,730,919)	(\$18,762,985)	(\$17,795,050)	(\$16,827,116)	(\$15,859,181)
22	Year End Rate Base before Deferred Tax Proration	Sum of Lines 19 through 21	\$19,660,963	\$16,019,685	\$12,378,407	\$8,737,129	\$5,095,852	\$1,454,574	(\$2,186,704)	(\$5,827,982)	(\$9,469,259)	(\$13,110,537)
	Revenue Requirement Calculation:											
23	Average Rate Base before Deferred Tax Proration Adjustment	Year $1 = \text{Current Year Line } 22 \div 2;$										
		then = (Prior Year Line 22 + Current Year										
		Line 22) ÷ 2	\$21,556,479	\$17,840,324	\$14,199,046	\$10,557,768	\$6,916,490	\$3,275,213	(\$366,065)	(\$4,007,343)	(\$7,648,621)	(\$11,289,898)
24	Proration Adjustment	Page 7 of 26, Line 41	(\$35,118)	(\$41,546)	(\$41,546)	(\$41,546)	(\$41,546)	(\$41,546)	(\$41,546)	(\$41,546)	(\$41,546)	(\$41,546)
25	Average ISR Rate Base after Deferred Tax Proration	Line 23 + Line 24	\$21,521,361	\$17,798,778	\$14,157,500	\$10,516,222	\$6,874,944	\$3,233,667	(\$407,611)		(\$7,690,167)	
26	Pre-Tax ROR	RIPUC 4770	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%
27	Return and Taxes	Line 25 × Line 26	\$1,809,946	\$1,496,877	\$1,190,646	\$884,414	\$578,183	\$271,951	(\$34,280)	(\$340,512)	(\$646,743)	(\$952,974)
28	Book Depreciation	Line 12	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212
29	Annual Revenue Requirement	Sum of Lines 27 through 28	\$6,419,159	\$6,106,090	\$5,799,858	\$5,493,627	\$5,187,395	\$4.881.164	\$4,574,932	\$4,268,701	\$3,962,469	\$3,656,238
30	Total Revenue Requirement	Jam of Lines 27 through 20	ψυ,τιν,ισν	30,100,070	ψυς177,000	ψυ,πνυ, <b>0</b> 21	95,107,575	94,001,104	94,074,702	34,200,701	95,702,707	33,030,230

30 20-year NPV

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 5 of 26

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### Gas investment Plant In Service Model, assumes plant placed into service within the FY of construction The Narragansett Electric Company

### d/b/a National Grid FY 2022 Gas ISR Revenue Requirement Plan

### FY 2022 Revenue Requirement FY 2022 Forecasted Incremental Gas Capital Investme

29 30	Annual Revenue Requirement Total Revenue Requirement	Sum of Lines 27 through 28	\$3,350,006	\$3,043,775	\$2,737,543	\$2,185,600
28	Book Depreciation	Line 12	\$4,609,212	\$4,609,212	\$4,609,212	\$4,354,858
27 28	Return and Taxes	Line 25 × Line 26 Line 12		(\$1,565,437) \$4,609,212		(\$2,169,258) \$4,354,858
26	Pre-Tax ROR	RIPUC 4770	8.41% (\$1,259,206)	8.41%	8.41% (\$1,871,669)	8.41%
25	Average ISR Rate Base after Deferred Tax Proration	Line 23 + Line 24	(\$14,972,722)	(\$18,614,000)	(\$22,255,278)	(\$25,793,792)
24	Proration Adjustment	Page 7 of 26, Line 41	(\$41,546)	(\$41,546)	(\$41,546)	(\$39,253)
		Line 22) ÷ 2	(\$14,931,176)	(\$18,572,454)	(\$22,213,732)	(\$25,754,539)
23	Revenue Requirement Calculation: Average Rate Base before Deferred Tax Proration Adjustment	Year 1 = Current Year Line 22 ÷ 2; then = (Prior Year Line 22 + Current Year				
22	Year End Rate Base before Deferred Tax Proration	Sum of Lines 19 through 21	(\$16,751,815)	(\$20,393,093)	(\$24,034,370)	(\$27,474,708)
21	Deferred Tax Reserve	- Line 18	(\$14,891,246)	(\$13,923,312)	(\$12,955,377)	(\$12,040,857)
20	Accumulated Depreciation	- Line 13			(\$149,799,401)	
19	ISR Rate Base Calculation: Cumulative Incremental Capital Included in ISR Rate Base	Line 8	\$138,720,408	\$138,720,408	\$138,720,408	\$138,720,408
18	Net Deferred Tax Reserve before Proration Adjustment	Line 16 + Line 17	\$14,891,246	\$13,923,312	\$12,955,377	\$12,040,857
17	Add: FY 2022 Federal NOL utilization	Page 18 of 25 , Line 12 ,Col (e)	\$6,564,587	\$6,564,587	\$6,564,587	\$6,564,587
16	Deferred Tax Reserve	Line 14 × Line 15	\$8,326,659	\$7,358,725	\$6,390,790	\$5,476,270
15	Effective Tax Rate	Line 11 - Line 13	21.00%	21.00%	21.00%	21.00%
14	Cumulative Book / Tax Timer	Line 11 - Line 13	\$39,650,759	\$35,041,547	\$30,432,334	\$26,077,477
13	Cumulative Book Depreciation	Year 1 = Line 12; then = Prior Year Line 13 + Current Year Line 12	\$140,580,976	\$145,190,189	\$149,799,401	\$154,154,259
12	Book Depreciation	Year 1 = Line 3 × Line 9 × 50%; then = Line 3 × Line 9	\$4,609,212	\$4,609,212	\$4,609,212	\$4,354,858
11	Cumulative Tax Depreciation	Year 1 = Line 10; then = Prior Year Line 11 + Current Year Line 10	\$180,231,736	\$180,231,736	\$180,231,736	\$180,231,736
10	Tax Depreciation	Year 1 = Page 16 of 25, Line 21, Col (a); then = Page 16 of 25, Col (d)	\$0	\$0	\$0	\$0
9	Deferred Tax Calculation:  Composite Book Depreciation Rate	RIPUC 4770	2.99%	2.99%	2.99%	2.99%
0	Net Plant Amount	Line 6 + Line 7	\$136,720,406	\$136,720,406	\$136,720,406	\$136,720,406
7	Cost of Removal	As filed Sec 3 Attachment 1	\$4,212,654 \$138,720,408	\$4,212,654 \$138,720,408	\$4,212,654 \$138,720,408	\$4,212,654 \$138,720,408
_		Line 6	\$134,507,754	\$134,507,754	\$134,507,754	\$134,507,754
6	Incremental Capital Amount	Year 1 = Line 4 - Line 5; then = Prior Year				
5	Depreciation Expense	As filed Sec 3 Attachment 1	\$0	\$0	\$0 \$0	\$0
4	<u>Change in Net Capital Included in ISR Rate Base</u> Capital Included in ISR Rate Base	Line 1	\$0	\$0	\$0	\$0
3	Net Depreciable Capital Included in ISR Rate Base	Year 1 = Line 1 - Line 2; then = Prior Year Line 3	\$154,154,259	\$154,154,259	\$154,154,259	\$154,154,259
2a	Allowance for Funds Used During Construction	n/a	\$0	\$0	\$0	\$0
2	Retirements	As filed Sec 3 Attachment 1	\$0	\$0	\$0	\$0
1	Total Allowed Capital Included in ISR Rate Base in Current Year	As filed Sec 3 Attachment 1	\$0	\$0	\$0	\$0
	Depreciable Net Capital Included in ISR Rate Base		(ee)	(ff)	(gg)	(hh)
No.			2052	2053	2054	
			2052	2052	2054	2055

20-year NPV

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099

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### (1a) Gas investment Plant In Service Model, assumes plant placed into service within the FY of construction The Narragansett Electric Company d/b/a National Grid

### FY 2022 Gas ISR Revenue Requirement Plan

### Calculation of Tax Depreciation and Repairs Deduction on FY 2022 Incremental Capital Investments

				In-Service Year Fiscal Year				
Line				<u>2022</u>				
No.				(a)		(b)	(c)	(d)
C	apital Repairs Deduction							
1	Plant Additions	Page 2 of 26, Line 1		\$175,462,000 81.78%		20 Year	MACRS Depre	ciation
2	Capital Repairs Deduction Rate	Per Tax Department						
3	Capital Repairs Deduction	Line $1 \times \text{Line } 2$		\$143,498,087	MACRS ba		\$31,963,913	
							Annual	Cumulative
					Fiscal Year			
Е	onus Depreciation				2022	3.75%	\$1,198,647	\$149,466,469
4	Plant Additions	Line 1		\$175,462,000	2023	7.22%	\$2,307,475	\$151,773,944
5	Less Capital Repairs Deduction	Line 3		\$143,498,087	2024	6.68%	\$2,134,230	\$153,908,175
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5		\$31,963,913	2025	6.18%	\$1,974,411	\$155,882,586
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department		0.00%	2026	5.71%	\$1,826,098	\$157,708,684
8	Plant Eligible for Bonus Depreciation	Line 6 × Line 7		\$0	2027	5.29%	\$1,689,293	\$159,397,977
9	Bonus Depreciation Rate 30%	Per Tax Department		0.00%	2028	4.89%	\$1,562,396	\$160,960,373
10	Bonus Depreciation Rate 0%	Per Tax Department		0.00%	2029	4.52%	\$1,445,408	\$162,405,781
11	Total Bonus Depreciation Rate	Line 9 + Line 10		0.00%	2030	4.46%	\$1,426,230	\$163,832,011
12	Bonus Depreciation	Line 8 × Line 11		\$0	2031	4.46%	\$1,425,910	\$165,257,921
					2032	4.46%	\$1,426,230	\$166,684,151
R	emaining Tax Depreciation				2033	4.46%	\$1,425,910	\$168,110,061
13	Plant Additions	Line 1		\$175,462,000	2034	4.46%	\$1,426,230	\$169,536,291
14	Less Capital Repairs Deduction	Line 3		\$143,498,087	2035	4.46%	\$1,425,910	\$170,962,201
15	Less Bonus Depreciation	Line 12		\$0	2036	4.46%	\$1,426,230	\$172,388,431
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15	•	\$31,963,913	2037	4.46%	\$1,425,910	\$173,814,341
17	20 YR MACRS Tax Depreciation Rates	IRS Publication 946		3.75%	2038	4.46%	\$1,426,230	\$175,240,571
18	Remaining Tax Depreciation	Line 16 × Line 17	•	\$1,198,647	2039	4.46%	\$1,425,910	\$176,666,481
					2040	4.46%	\$1,426,230	\$178,092,711
19	FY22 tax (gain)/loss on retirements	Per Tax Department	2/	\$557,081	2041	4.46%	\$1,425,910	\$179,518,621
20	Cost of Removal	Page 2 of 26, Line 7		\$4,212,654	2042	2.23%	\$713,115	\$180,231,736
		-				100.00%	\$31,963,913	•
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19 & 20	)	\$149,466,469				

<sup>1/</sup> Capital Repairs percentage is based on a three-year average of FYs 2018, 2019 and 2020 capital repairs rates.

<sup>2/</sup> FY 2022 estimated tax loss on retirements is tax department estimate

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 7 of 26

### (1a) Gas investment Plant In Service Model, assumes plant placed into service within the FY of construction The Narragansett Electric Company

### d/b/a National Grid

FY 2022 Gas ISR Revenue Requirement Plan

Calculation of Net Deferred Tax Reserve Proration on FY 2022 Incremental Capital Investments

				1	2	3	4	5	6	7	8	9	10	11	12
				(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)
Line	D. I. C.I D			2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
<u>No.</u>	Deferred Tax Subject to Proration Book Depreciation	Page 2 of 26	Line 12	\$2,304,606	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212
2	Bonus Depreciation	- Page 6 of 26 , L		\$2,504,000	\$4,007,212	34,007,212	\$4,007,212	\$4,007,212	34,007,212	\$4,007,212	\$4,007,212	54,007,212	34,007,212	54,007,212	54,007,212
			(-)												
3	Remaining MACRS Tax Depreciation	- Page 6 of 2	6, Col (c)	(\$1,198,647)	(\$2,307,475)	(\$2,134,230)	(\$1,974,411)	(\$1,826,098)	(\$1,689,293)	(\$1,562,396)	(\$1,445,408)	(\$1,426,230)	(\$1,425,910)	(\$1,426,230)	(\$1,425,910)
4	FY22 tax (gain)/loss on retirements	- Page 6 of 26, L		(\$557,081)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lines	1 through 4	\$548,878	\$2,301,737	\$2,474,982	\$2,634,801		\$2,919,920						\$3,183,302
6 7	Effective Tax Rate Deferred Tax Reserve	Line 5 × 1	T: 6	21.0% \$115,264	21.0% \$483,365	21.0% \$519,746	21.0% \$553,308	21.0% \$584,454	21.0% \$613,183	21.0% \$639,831	21.0% \$664,399	21.0% \$668,426	21.0% \$668,493	21.0% \$668,426	21.0% \$668,493
,	Deferred Tax Reserve	Line 3 ^ !	Line 6	\$113,204	\$465,505	\$319,740	\$333,308	\$364,434	\$013,163	\$039,831	\$004,399	\$008,420	\$008,493	\$000,420	\$000,493
	Deferred Tax Not Subject to Proration														
8	Capital Repairs Deduction	- Page 6 of 26, L		(\$143,498,087)											
9	Cost of Removal	- Page 6 of 26	5, Line 20	(\$4,212,654)											
10 11	Book/Tax Depreciation Timing Difference at 3/31/2022 Cumulative Book / Tax Timer	Line 8 + Line	0 ± I ino 10	(\$147,710,741)											
12	Effective Tax Rate	Line o + Line	9 + Line 10	21%											
13	Deferred Tax Reserve	Line 11 × 1	Line 12	(\$31,019,256)											
14	Total Deferred Tax Reserve	Line 7 + I		(\$30,903,991)	\$483,365	\$519,746	\$553,308	\$584,454	\$613,183	\$639,831	\$664,399	\$668,426	\$668,493	\$668,426	\$668,493
15 16	Net Operating Loss Net Deferred Tax Reserve	- Page 2 of 26 Line 14 + 1		(\$6,564,587) (\$37,468,578)	\$483,365	\$519,746	\$553,308	\$584,454	\$613,183	\$639,831	\$664,399	\$668,426	\$668,493	\$668,426	\$668,493
10	Net Deferred Tax Reserve	Line 14 T	Line 13	(\$37,408,378)	\$465,505	\$319,740	\$333,308	\$364,434	\$015,165	3039,831	\$004,399	\$008,420	\$008,493	3008,420	\$000,493
	Allocation of FY 2022 Estimated Federal NOL														
17	Cumulative Book/Tax Timer Subject to Proration	Line	-	\$548,878											
18	Cumulative Book/Tax Timer Not Subject to Proration	Line		(\$147,710,741)											
19	Total Cumulative Book/Tax Timer	Line 17 + 1	Line 18	(\$147,161,863)											
20	Total FY 2022 Federal NOL	Line 15 / 1	21.0%	(\$31,259,936)											
21	Allocated FY 2021 Federal NOL Not Subject to Proration	(Line 18 ÷ Line 1		(\$31,376,528)											
22	Allocated FY 2021 Federal NOL Subject to Proration	(Line 17 ÷ Line 1	19) × Line 20	\$116,592											
23	Effective Tax Rate	**		21%											
24	Deferred Tax Benefit subject to proration	Line 22 × 1	Line 23	\$24,484											
25	Net Deferred Tax Reserve subject to proration	Line 7 + I	Line 24	\$139,749	\$483,365	\$519,746	\$553,308	\$584,454	\$613,183	\$639,831	\$664,399	\$668,426	\$668,493	\$668,426	\$668,493
	J 1			,	,	,	,	,	,	,	,	,	, , , , , ,	,	,
		(h)	(i)	(j)	(k)										
	B 4 61.14	Number of Days in	roration Percentage	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
26	Proration Calculation April	Month P	91.78%	\$10,689	\$36,970	\$39,752	\$42,319	\$44,701	\$46,899	\$48,937	\$50.816	\$51,124	\$51,129	\$51,124	\$51,129
27	May	31	83.29%	\$9,699	\$33,549	\$36,074	\$38,403	\$40,565	\$42,559	\$44,408	\$46,114	\$46,393	\$46,398	\$46,393	\$46,398
28	June	30	75.07%	\$8,742	\$30,238	\$32,514	\$34,613	\$36,562	\$38,359	\$40,026	\$41,563	\$41,815	\$41,819	\$41,815	\$41,819
29	July	31	66.58%	\$7,753	\$26,817	\$28,835	\$30,697	\$32,425	\$34,019	\$35,497	\$36,860	\$37,084	\$37,088	\$37,084	\$37,088
30	August	31	58.08%	\$6,764	\$23,396	\$25,157	\$26,781	\$28,289	\$29,679	\$30,969	\$32,158	\$32,353	\$32,356	\$32,353	\$32,356
31 32	September October	30 31	49.86% 41.37%	\$5,807 \$4,818	\$20,085 \$16,664	\$21,597 \$17,918	\$22,991 \$19.075	\$24,286 \$20,149	\$25,479 \$21,139	\$26,587 \$22,058	\$27,607 \$22,905	\$27,775 \$23,044	\$27,778 \$23,046	\$27,775 \$23,044	\$27,778 \$23,046
32	November	30	33.15%	\$3,861	\$13,353	\$17,918	\$15,073	\$16,146	\$16,940	\$17,676	\$22,903 \$18,354	\$18,466	\$18,468	\$18,466	\$23,046 \$18,468
34	December	31	24.66%	\$2,872	\$9,932	\$10,680	\$11,369	\$12,009	\$12,600	\$13,147	\$13,652	\$13,735	\$13,736	\$13,735	\$13,736
35	January	31	16.16%	\$1,882	\$6,511	\$7,001	\$7,453	\$7,873	\$8,260	\$8,619	\$8,950	\$9,004	\$9,005	\$9,004	\$9,005
36	February	28	8.49%	\$989	\$3,421	\$3,679	\$3,916	\$4,137	\$4,340	\$4,528	\$4,702	\$4,731	\$4,731	\$4,731	\$4,731
37 38	March	31 365	0.00%	\$0 \$63,876	\$0 \$220,935	\$0 \$237,564	\$0 \$252,905	\$0 \$267,141	\$0 \$280,272	\$0 \$292,453	\$0 \$303,682	\$0 \$305,523	\$0 \$305,553	\$0 \$305,523	\$0 \$305,553
38	Total	303		\$65,876	\$220,935	\$237,364	\$252,905	\$207,141	\$280,272	\$292,453	\$505,682	\$303,323	\$303,333	\$303,323	\$303,333
39	Deferred Tax Without Proration	Line 2	25	\$139,749	\$483,365	\$519,746	\$553,308	\$584,454	\$613,183	\$639,831	\$664,399	\$668,426	\$668,493	\$668,426	\$668,493
40	Average Deferred Tax without Proration			, y- <del></del>	/		/	. ,	,	,	. /	, -	,	/	
		Line 39		\$69,874	\$241,682	\$259,873	\$276,654	\$292,227	\$306,592	\$319,916	\$332,199	\$334,213	\$334,247	\$334,213	\$334,247
41	Proration Adjustment	Line 38 - 1	Line 40	(\$5,998)	(\$20,747)	(\$22,309)	(\$23,749)	(\$25,086)	(\$26,319)	(\$27,463)	(\$28,518)	(\$28,690)	(\$28,693)	(\$28,690)	(\$28,693)

<sup>(</sup>i) Sum of remaining days in the year (Col (h)) divided by 365 (j) & (k) Current Year Line 25 ÷ 12 × Current Month Col (i)

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 8 of 26

### (1a Gas investment Plant In Service Model, assumes plant placed into service within the FY of constructio The Narragansett Electric Company d/b/a National Grid

FY 2022 Gas ISR Revenue Requirement Plan Calculation of Net Deferred Tax Reserve Proration on FY 2022 Incremental Capital In

			13	14	15	16	17	18	19	20	21	22	23	24	25
			(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)
Line No.	Deferred Tax Subject to Proration		2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
1	Book Depreciation	Page 2 of 26, Line 12	\$4 609 212	\$4,609,212	\$4 609 212	\$4 609 212	\$4,609,212	\$4,609,212	\$4 609 212	\$4,609,212	\$4 609 212	\$4 609 212	\$4 609 212	\$4 609 212	\$4 609 212
2	Bonus Depreciation	- Page 6 of 26 , Line 12 ,Col (a)	ψ.,οοσ, <u>212</u>	U.,007,212	0.,000,212	ψ1,007,212	ψ.,οοσ, <u>212</u>	0.,000,212	ψ1,007,212	\$1,007,212	ψ1,007, <u>212</u>	ψ1,007, <u>212</u>	0.,007,212	ψ1,007,212	0.,000,212
	1														
3	Remaining MACRS Tax Depreciation	- Page 6 of 26, Col (c)	(\$1,426,230)	(\$1,425,910)	(\$1,426,230)	(\$1,425,910)	(\$1,426,230)	(\$1,425,910)	(\$1,426,230)	(\$1,425,910)	(\$713,115)	\$0	\$0	\$0	\$0
4	FY22 tax (gain)/loss on retirements	- Page 6 of 26, Line 19, Col (a)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4						\$3,183,302					\$4,609,212		
6	Effective Tax Rate		21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%
7	Deferred Tax Reserve	Line 5 × Line 6	\$668,426	\$668,493	\$668,426	\$668,493	\$668,426	\$668,493	\$668,426	\$668,493	\$818,180	\$967,935	\$967,935	\$967,935	\$967,935
	Deferred Tax Not Subject to Proration														
8	Capital Repairs Deduction	- Page 6 of 26, Line 3, Col (a)													
9	Cost of Removal	- Page 6 of 26, Line 20													
10	Book/Tax Depreciation Timing Difference at 3/31/2022	3													
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10													
12	Effective Tax Rate														
13	Deferred Tax Reserve	Line 11 × Line 12													
14	Total Deferred Tax Reserve	Line 7 + Line 13	\$668,426	\$668,493	\$668,426	\$668,493	\$668,426	\$668,493	\$668,426	\$668,493	\$818,180	\$967,935	\$967,935	\$967,935	\$967.935
15	Net Operating Loss	- Page 2 of 26, Line 17	\$008,420	\$008,493	\$668,426	3008,493	\$608,426	\$008,493	\$008,420	\$600,493	\$616,160	\$907,933	\$907,933	\$907,933	\$907,933
16	Net Deferred Tax Reserve	Line 14 + Line 15	\$668,426	\$668,493	\$668,426	\$668,493	\$668,426	\$668,493	\$668,426	\$668,493	\$818,180	\$967,935	\$967,935	\$967,935	\$967,935
			,	*****	*****,*	,	*****,	,	****,*	*****	*******	,	4.0.,	,	4 ,
	Allocation of FY 2022 Estimated Federal NOL														
17	Cumulative Book/Tax Timer Subject to Proration	Line 5													
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11													
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18													
20	Total FY 2022 Federal NOL	Line 15 / 21.0%													
21	Allocated FY 2021 Federal NOL Not Subject to Proration	(Line 18 ÷ Line 19 ) × Line 20													
22	Allocated FY 2021 Federal NOL Subject to Proration	(Line 17 ÷ Line 19 ) × Line 20													
23	Effective Tax Rate														
24	Deferred Tax Benefit subject to proration	Line 22 × Line 23													
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	\$668,426	\$668,493	\$668,426	\$668,493	\$668,426	\$668,493	\$668,426	\$668,493	\$818,180	\$967,935	\$967,935	\$967,935	\$967,935
23	Net Deferred Tax Reserve subject to profation	Line / + Line 24	\$000,420	\$000,473	\$000,420	\$000,473	\$000,420	\$000,473	\$000,420	\$000,473	\$616,160	\$707,733	\$707,733	\$707,733	\$907,933
		(h) (i)	(k)	(k)	(k)	(k)	(k)	(k)	(k)	(k)	(k)	(k)	(k)	(k)	(k)
		Number of Days in													
	Proration Calculation	Month Proration Percentag		2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
26	April	30 91.78%	\$51,124	\$51,129	\$51,124	\$51,129	\$51,124	\$51,129	\$51,124	\$51,129	\$62,578	\$74,032	\$74,032	\$74,032	\$74,032
27 28	May June	31 83.29% 30 75.07%	\$46,393 \$41,815	\$46,398 \$41,819	\$46,393 \$41.815	\$46,398 \$41,819	\$46,393 \$41,815	\$46,398 \$41,819	\$46,393 \$41,815	\$46,398 \$41,819	\$56,787 \$51,183	\$67,181 \$60,551	\$67,181 \$60,551	\$67,181 \$60,551	\$67,181 \$60,551
28 29	July	31 66.58%	\$41,815	\$41,819 \$37,088	\$37,084	\$41,819	\$41,815	\$41,819	\$41,815	\$41,819	\$51,183 \$45,392	\$53,700	\$53,700	\$53,700	\$60,551 \$53,700
30	August	31 58.08%	\$32,353	\$32,356	\$32,353	\$32,356	\$32,353	\$32,356	\$32,353	\$32,356	\$39,601	\$46,850	\$46,850	\$46,850	\$46,850
31	September	30 49.86%	\$27,775	\$27,778	\$27,775	\$27,778	\$27,775	\$27,778	\$27,775	\$27,778	\$33,997	\$40,220	\$40,220	\$40,220	\$40,220
32	October	31 41.37%	\$23,044	\$23,046	\$23,044	\$23,046	\$23,044	\$23,046	\$23,044	\$23,046	\$28,207	\$33,369	\$33,369	\$33,369	\$33,369
33	November	30 33.15%	\$18,466	\$18,468	\$18,466	\$18,468	\$18,466	\$18,468	\$18,466	\$18,468	\$22,603	\$26,740	\$26,740	\$26,740	\$26,740
34	December	31 24.66%	\$13,735	\$13,736	\$13,735	\$13,736	\$13,735	\$13,736	\$13,735	\$13,736	\$16,812	\$19,889	\$19,889	\$19,889	\$19,889
35	January	31 16.16%	\$9,004	\$9,005	\$9,004	\$9,005	\$9,004	\$9,005	\$9,004	\$9,005	\$11,021	\$13,038	\$13,038	\$13,038	\$13,038
36	February	28 8.49%	\$4,731	\$4,731	\$4,731	\$4,731	\$4,731	\$4,731	\$4,731	\$4,731	\$5,791	\$6,851	\$6,851	\$6,851	\$6,851
37	March	31 0.00%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	Total	365	\$305,523	\$305,553	\$305,523	\$305,553	\$305,523	\$305,553	\$305,523	\$305,553	\$373,972	\$442,421	\$442,421	\$442,421	\$442,421
39	Deferred Tax Without Proration	Line 25	\$668,426	\$668,493	\$668,426	\$668,493	\$668,426	\$668,493	\$668,426	\$668,493	\$818,180	\$967,935	\$967,935	\$967,935	\$967,935
40	Average Deferred Tax without Proration	Line 23	\$000,420	φυυυ, <del>1</del> 73	φυσο, <del>1</del> 20	9000, <del>1</del> 73	\$000,720	φυυυ,τ/3	\$000, <del>1</del> 20	φυυυ, <del>1</del> 73	9010,100	9701,733	4701,733	9701,733	Ψ901,933
-10	erage Deterior rax without Frontierion	Line 39 × 0.5	\$334,213	\$334,247	\$334,213	\$334,247	\$334,213	\$334,247	\$334,213	\$334,247	\$409,090	\$483,967	\$483,967	\$483,967	\$483,967
41	Proration Adjustment	Line 38 - Line 40	(\$28,690)	(\$28,693)	(\$28,690)	(\$28,693)	(\$28,690)	(\$28,693)	(\$28,690)	(\$28,693)	(\$35,118)	(\$41,546)	(\$41,546)	(\$41,546)	(\$41,546)
			( , , ,	( , , , , , ,	( , , , , ,	. , ,		( , , -)		( , , , , , , ,	( , , -)	. , ,	( , , ,		

<sup>(</sup>i) Sum of remaining days in the year (Col (h)) divided by 365 (j) & (k) Current Year Line 25 ÷ 12 × Current Month Col (i)

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 9 of 26

### (1a) Gas investment Plant In Service Model, assumes plant placed into service within the FY of constructio

### The Narragansett Electric Company d/b/a National Grid

### FY 2022 Gas ISR Revenue Requirement Plan

Calculation of Net Deferred Tax Reserve Proration on FY 2022 Incremental Capital Ir

				26 (z)	27 (aa)	28 (bb)	(cc) 29	30 (dd)	31 (ee)	32 (ff)	33	34 (hh)
Line				2047	(aa) 2048	2049	2050	2051	2052	2053	(gg) 2054	2055
No.	Deferred Tax Subject to Proration											
1	Book Depreciation		26, Line 12	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,609,212	\$4,354,858
2	Bonus Depreciation	- Page 6 of 26	, Line 12 ,Col (a)									
3	Remaining MACRS Tax Depreciation	- Page 6 o	f 26, Col (c)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	FY22 tax (gain)/loss on retirements	- Page 6 of 26	, Line 19 ,Col (a)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Line	es 1 through 4				\$4,609,212					
6	Effective Tax Rate			21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%
7	Deferred Tax Reserve	Line 5	× Line 6	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$914,520
	Deferred Tax Not Subject to Proration											
8	Capital Repairs Deduction		, Line 3 ,Col (a)									
9	Cost of Removal	- Page 6 of	26 , Line 20									
10 11	Book/Tax Depreciation Timing Difference at 3/31/2022 Cumulative Book / Tax Timer	Lina 9 ± Lin	ne 9 + Line 10									
12	Effective Tax Rate	Line o + Li	ie 9 + Line 10									
13	Deferred Tax Reserve	Line 11	× Line 12									
14	Total Deferred Tax Reserve		+ Line 13	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$914,520
15	Net Operating Loss		26 , Line 17									
16	Net Deferred Tax Reserve	Line 14	+ Line 15	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$914,520
	Allocation of FY 2022 Estimated Federal NOL											
17	Cumulative Book/Tax Timer Subject to Proration	Li	ne 5									
18	Cumulative Book/Tax Timer Not Subject to Proration		ne 11									
19	Total Cumulative Book/Tax Timer	Line 17	Line 17 + Line 18									
20	Total FY 2022 Federal NOL	Line 15	Line 15 / 21.0%									
21	Allocated FY 2021 Federal NOL Not Subject to Proration	(Line 18 ÷ Lir	ie 19) × Line 20									
22	Allocated FY 2021 Federal NOL Subject to Proration	(Line 17 ÷ Lir	ie 19) × Line 20									
23	Effective Tax Rate											
24	Deferred Tax Benefit subject to proration	Line 22	× Line 23									
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$914,520
		(h) Number of Days in	(i)	(k)								
	Proration Calculation	Month	Proration Percentage	2047	2048	2049	2050	2051	2052	2053	2054	2055
26	April	30	91.78%	\$74,032	\$74.032	\$74,032	\$74,032	\$74,032	\$74,032	\$74.032	\$74,032	\$69,946
27	May	31	83.29%	\$67,181	\$67,181	\$67,181	\$67,181	\$67,181	\$67,181	\$67,181	\$67,181	\$63,474
28	June	30	75.07%	\$60,551	\$60,551	\$60,551	\$60,551	\$60,551	\$60,551	\$60,551	\$60,551	\$57,210
29	July	31	66.58%	\$53,700	\$53,700	\$53,700	\$53,700	\$53,700	\$53,700	\$53,700	\$53,700	\$50,737
30	August	31	58.08%	\$46,850	\$46,850	\$46,850	\$46,850	\$46,850	\$46,850	\$46,850	\$46,850	\$44,264
31	September	30	49.86%	\$40,220	\$40,220	\$40,220	\$40,220	\$40,220	\$40,220	\$40,220	\$40,220	\$38,001
32 33	October	31 30	41.37%	\$33,369	\$33,369	\$33,369	\$33,369	\$33,369	\$33,369	\$33,369	\$33,369	\$31,528
33 34	November December	30	33.15% 24.66%	\$26,740 \$19,889	\$25,264 \$18,792							
35	January	31	16.16%	\$13,038	\$13,038	\$13,038	\$13,038	\$13,038	\$13,038	\$13,038	\$13,038	\$12,319
36	February	28	8.49%	\$6,851	\$6,851	\$6,851	\$6,851	\$6,851	\$6,851	\$6,851	\$6,851	\$6,473
37	March	31	0.00%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	Total	365		\$442,421	\$442,421	\$442,421	\$442,421	\$442,421	\$442,421	\$442,421	\$442,421	\$418,007
39	Deferred Tax Without Proration	Liı	ne 25	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$967,935	\$914,520
40	Average Deferred Tax without Proration					,				,		/
			39 × 0.5	\$483,967	\$483,967	\$483,967	\$483,967	\$483,967	\$483,967	\$483,967	\$483,967	\$457,260
41	Proration Adjustment	Line 38	- Line 40	(\$41,546)	(\$41,546)	(\$41,546)	(\$41,546)	(\$41,546)	(\$41,546)	(\$41,546)	(\$41,546)	(\$39,253)

<sup>(</sup>i) Sum of remaining days in the year (Col (h)) divided by 365 (j) & (k) Current Year Line 25 ÷ 12 × Current Month Col (i)

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### (2a) Cumberland LNG investment Plant In Service Model, CWIP accrues AFUDC

### The Narragansett Electric Company d/b/a National Grid

FY 2022 Gas ISR Revenue Requirement Plan

FY 2022 Revenue Requirement FY 2022 Forecasted Incremental Gas Capital Investment

	FY 2022 Revenue Requirement FY 2022 I	Forecasted Incremental Gas Capital Investment									
Line No.	D		Spend Year Fiscal Year 2024 (a)	Spend Year Fiscal Year 2025 (b)	Spend Year Fiscal Year 2026 (c)	In-Service Year Fiscal Year  2027 (d)	Spend Year Fiscal Year  2028 (e)	In-Service Year Fiscal Year  2029 (f)	Fiscal Year  2030 (g)	Fiscal Year 2031 (h)	Fiscal Year  2032 (i)
1 1a	Depreciable Net Capital Included in ISR Rate Base Total Allowed Capital Included in ISR Rate Base in Current Year Cumulative Allowed Capital Incl in ISR Rate Base in Current Yr	Total \$100M/3 years Current Year Line 1a + Prior Year Line 1	\$33,333,333 \$33,333,333	\$33,333,333 \$66,666,667	\$33,333,333 \$100,000,000	\$0 \$100,000,000	\$0	\$0	\$0	\$0	\$0
2	Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2a	Allowance for Funds Used During Construction	Average Line 1a * 7.16% AFUDC rate	\$1,193,333	\$3,580,000	\$5,966,667	\$0	\$0	\$0	\$0	\$0	\$0
2b 3	Cumulative AFUDC Net Depreciable Capital Included in ISR Rate Base	Current Year Line 2a + Prior Year Line 2b Line 1 - Line 2 + Line 2b; then = Prior Year	\$1,193,333	\$4,773,333	\$10,740,000	\$10,740,000					
3	Net Depreciatie Capital included in 15K Kate Base	Line 3	\$34,526,667	\$71,440,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
	Change in Net Capital Included in ISR Rate Base										
4	Capital Included in ISR Rate Base	Line 1	#0	40	#0	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
5 6	Depreciation Expense	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Incremental Capital Amount	Year 1 = Line 4 - Line 5; then = Prior Year Line 6	\$0	\$0	\$0	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
7	Cost of Removal	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	Net Plant Amount	Line 6 + Line 7	\$0	\$0	\$0	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
9	Deferred Tax Calculation: Composite Book Depreciation Rate	RIPUC 4770	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%
		Year 1 = Page 14 of 26, Line 21; then = Page									
10	Tax Depreciation	14 of 26, Col (c)				\$91,323,000	\$1,456,325	\$1,346,985	\$1,246,117	\$1,152,512	\$1,066,170
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10				\$91,323,000	\$92,779,325	\$94,126,310	\$95,372,428	\$96,524,940	\$97,591,110
		Year $1 = \text{Line } 3 \times \text{Line } 9 \times 50\%$ ; then =									
12	Book Depreciation	Line 3 × Line 9				\$1,655,563	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126
13	Cumulative Book Depreciation	Prior Year Line 13 + Current Year Line 12				\$1,655,563	\$4,966,689	\$8,277,815	\$11,588,941	\$14,900,067	\$18,211,193
14	Cumulative Book / Tax Timer	Line 11 - Line 13				\$89,667,437	\$87,812,636	\$85,848,495	\$83,783,487	\$81,624,873	\$79,379,917
15	Effective Tax Rate	Line 11 - Line 13				21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
16	Deferred Tax Reserve	Line 14 × Line 15				\$18.830.162	\$18,440,654	\$18.028.184	\$17,594,532	\$17,141,223	\$16,669,783
17	Add: FY 2027 Federal NOL utilization	n/a				\$0	\$0	\$0	\$0	\$0	\$0
18	Net Deferred Tax Reserve before Proration Adjustment	Line 16 + Line 17				\$18,830,162	\$18,440,654	\$18,028,184	\$17,594,532	\$17,141,223	\$16,669,783
	ISR Rate Base Calculation:										
19	Cumulative Incremental Capital Included in ISR Rate Base	Line 8				\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
20	Accumulated Depreciation	- Line 13				(\$1,655,563)	(\$4,966,689)	(\$8,277,815)	(\$11,588,941)	(\$14,900,067)	(\$18,211,193)
21	Deferred Tax Reserve	- Line 18				(\$18,830,162)	(\$18,440,654)	(\$18,028,184)	(\$17,594,532)	(\$17,141,223)	(\$16,669,783)
22	Year End Rate Base before Deferred Tax Proration	Sum of Lines 19 through 21				\$90,254,275	\$87,332,657	\$84,434,001	\$81,556,527	\$78,698,710	\$75,859,024
	Revenue Requirement Calculation:										
23	Average Rate Base before Deferred Tax Proration Adjustment	(Prior Year Line 22 + Current Year Line 22)									
	· ·	÷ 2				\$45,127,138	\$88,793,466	\$85,883,329	\$82,995,264	\$80,127,618	\$77,278,867
24	Proration Adjustment	Page 15 of 26, Line 41				(\$8,104)	(\$16,719)	(\$17,704)	(\$18,613)	(\$19,457)	(\$20,235)
25	Average ISR Rate Base after Deferred Tax Proration	Line 23 + Line 24				\$45,119,034	\$88,776,747	\$85,865,625	\$82,976,651	\$80,108,161	\$77,258,632
26	Pre-Tax ROR	RIPUC 4770				8.41%	8.41%	8.41%	8.41%	8.41%	8.41%
27	Return and Taxes	Line 25 × Line 26				\$3,794,511	\$7,466,124	\$7,221,299	\$6,978,336	\$6,737,096	\$6,497,451
28	Book Depreciation	Line 12				\$1,655,563	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126
29	Annual Revenue Requirement	Sum of Lines 27 through 28	\$0	\$0	\$0	\$5,450,074	\$10,777,250	\$10,532,425	\$10,289,462	\$10,048,222	\$9,808,577

30 Total Revenue Requirement

\$236,950,156

31 20-year NPV

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 11 of 26

(2a) Cumberland LNG investment Plant In Service Model, CWIP accrues AFUDC

### The Narragansett Electric Company d/b/a National Grid

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### FY 2022 Gas ISR Revenue Requirement Plan FY 2022 Revenue Requirement FY 2022 Forecasted Incremental Gas Capital Investm

Procession   Pro		F I 2022 Revenue Requirement F I 2022	rorecasted incremental Gas Capital investme										
Total Allowed Capital Individed in SRR fame Rese inclumer 1		Duranishla Nat Carital Included in ISB Bata Bara		2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Reference   Part   Pa	•	Total Allowed Capital Included in ISR Rate Base in Current Year		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Commission AUUC   Commission AUUC   Commission Auton   Commission Au		1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Not perceivable capital perceivable and Reference   Lanc 2				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital Included in Information Express times   Single State   S			Line 1 - Line 2 + Line 2b; then = Prior Year	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
Depression Expense   Personal Cipital Amount   Personal Cipital Ci													
Procession   Pro	-			,,	,,	,,	,,	,,	,,	,,	,,	,,	, ,
Elime 6				\$0	20	\$0	20	\$0	\$0	20	\$0	\$0	\$0
	Ü	metenenai Capitai Antoun		\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
Deferred Tax Calculation:   Purposite Book Depreciation Rate   Purposite Book Depreciation Rate   Purposite Book Depreciation Rate   Purposite Book Depreciation Rate   Purposite Book Depreciation   Purposite Book D	7	Cost of Removal	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Composite Book Depreciation Rate   RIPLIC AFFO   2.99%   2.9	8	Net Plant Amount	Line 6 + Line 7	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
Composite Book Depreciation Rate   RIPLIC AFFO   2.99%   2.9													
Vari 1 = Page 1 d of 26, Line 21; then = Page 1 d of 26, Col (c)	0		DIDLIC 4770	2.009/	2.009/	2.009/	2.009/	2.009/	2.009/	2.009/	2.000/	2.009/	2.009/
The Communitive Tax Depreciation   14 of 26 Col (c)   598,608   591,246   590,047   500,089,707   510,289,510   510,389,701	9	Composite Book Depreciation Rate	RIFUC 47/0	2.99%	2.9970	2.9970	2.9970	2.99%	2.99%	2.9970	2.99%	2.99%	2.99%
The Communitive Tax Depreciation   14 of 26 Col (c)   598,608   591,246   590,047   500,089,707   510,289,510   510,389,701			Year 1 =Page 14 of 26, Line 21; then = Page										
Part   Line 3 × Line 9 × 50%; then   Sa.311,126	10	Tax Depreciation		\$986,081	\$912,246	\$900,142	\$899,940	\$900,142	\$899,940	\$900,142	\$899,940	\$900,142	\$899,940
Solid   Soli	11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$98,577,191	\$99,489,437	\$100,389,579	\$101,289,519	\$102,189,661	\$103,089,601	\$103,989,743	\$104,889,683	\$105,789,825	\$106,689,765
Camulative Book Depreciation													
Cumulative Book / Tax Timer   Line 11 - Line 13   \$77,054,872   \$74,655,992   \$72,245,008   \$69,833,822   \$67,422,838   \$65,011,652   \$62,600,668   \$60,189,482   \$57,778,498   \$52,671,1452   \$16,000   \$10,000   \$10,000   \$10,000   \$11				/- / -	, . ,	*- /- /	/- /	, . , .	*- /- /	,	,	/- /	
Figure   F	13	Cumulative Book Depreciation	Prior Year Line 13 + Current Year Line 12	\$21,322,319	\$24,833,443	\$28,144,571	\$31,433,097	\$34,700,823	\$38,077,949	\$41,389,073	\$44,700,201	\$48,011,327	\$51,322,453
Figure   F	14	Cumulative Book / Tax Timer	Line 11 - Line 13	\$77.054.872	\$74,655,992	\$72,245,008	\$69,833,822	\$67,422,838	\$65,011,652	\$62,600,668	\$60,189,482	\$57,778,498	\$55,367,312
Add: FY 2027 Federal NOL utilization   Na   So   So   So   So   So   So   So   S													
Net Deferred Tax Reserve before Proration Adjustment   Line 16 + Line 17   S16,181,523   S15,677,758   S15,171,452   S14,665,103   S14,158,796   S13,652,447   S13,146,140   S12,639,791   S12,133,485   S11,627,135			Line 14 × Line 15										\$11,627,135
SR Rate Base Calculation:   Cumulative Incremental Capital Included in ISR Rate Base   Line 8   S110,740,000													
Cumulative Incremental Capital Included in ISR Rate Base   Line 8   \$110,740,000   \$110,740,00	18	Net Deferred Tax Reserve before Proration Adjustment	Line 16 + Line 17	\$16,181,523	\$15,677,758	\$15,171,452	\$14,665,103	\$14,158,796	\$13,652,447	\$13,146,140	\$12,639,791	\$12,133,485	\$11,627,135
Cumulative Incremental Capital Included in ISR Rate Base   Line 8   \$110,740,000   \$110,740,00		ISR Rate Base Calculation:											
Accumulated Depreciation	19		Line 8	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
22         Year End Rate Base before Deferred Tax Proration         Sum of Lines 19 through 21         \$73,036,158         \$70,228,797         \$67,423,977         \$64,619,200         \$61,814,381         \$59,009,604         \$56,204,785         \$53,400,008         \$50,595,188         \$47,790,412           Revenue Requirement Calculation:           23         Average Rate Base before Deferred Tax Proration Adjustment                Proration Adjustment	20	Accumulated Depreciation	- Line 13	(\$21,522,319)	(\$24,833,445)	(\$28,144,571)	(\$31,455,697)	(\$34,766,823)	(\$38,077,949)	(\$41,389,075)	(\$44,700,201)	(\$48,011,327)	(\$51,322,453)
Revenue Requirement Calculation:  Average Rate Base before Deferred Tax Proration Adjustment  Page 15 of 26, Line 41  Proration Adjustment  Page 15 of 26, Line 41  Pre-Tax ROR  RIPUC 4770  Return and Taxes  Line 25 × Line 26  Book Depreciation  River Requirement Calculation:  (Prior Year Line 22 + Current Year Line 22)  + 2  \$74,447,591  \$71,632,477  \$68,826,387  \$66,021,589  \$63,216,791  \$63,216,791  \$63,216,791  \$61,1933  \$57,607,194  \$54,802,396  \$51,975,98  \$49,192,800  \$521,734)  \$521,7323  \$521,734)  \$521,7323  \$521,7349  \$54,802,396  \$51,975,866  \$54,710,666  \$60,21,789  \$60,21,789  \$60,21,789  \$60,801,599  \$60,390,259  \$60,390													
Average Rate Base before Deferred Tax Proration Adjustment  Page 15 of 26, Line 41  Proration Adjustment  Page 15 of 26, Line 41  Proration Ration Sage Is Rate Base after Deferred Tax Proration  RIPUC 4770  Return and Taxes  Line 25 × Line 26  Book Depreciation  Average Rate Base before Deferred Tax Proration Adjustment  Page 15 of 26, Line 41  (\$20,957)  (\$21,623)  (\$21,623)  (\$21,732)  (\$21,	22	Year End Rate Base before Deferred Tax Proration	Sum of Lines 19 through 21	\$73,036,158	\$70,228,797	\$67,423,977	\$64,619,200	\$61,814,381	\$59,009,604	\$56,204,785	\$53,400,008	\$50,595,188	\$47,790,412
Average Rate Base before Deferred Tax Proration Adjustment  Page 15 of 26, Line 41  Proration Adjustment  Page 15 of 26, Line 41  Proration Ration Sage Is Rate Base after Deferred Tax Proration  RIPUC 4770  Return and Taxes  Line 25 × Line 26  Book Depreciation  Average Rate Base before Deferred Tax Proration Adjustment  Page 15 of 26, Line 41  (\$20,957)  (\$21,623)  (\$21,623)  (\$21,732)  (\$21,		Revenue Requirement Calculation:											
+ 2   \$74,447,591   \$71,632,477   \$68,826,387   \$66,021,589   \$63,216,791   \$60,411,993   \$57,607,194   \$54,802,396   \$51,997,598   \$49,192,800   24   Proration Adjustment   Page 15 of 26, Line 41   \$(\$20,957)   \$(\$21,623)   \$(\$21,732)   \$	23		(Perion Vern Line 22   Comment Vern Line 22)										
24         Proration Adjustment         Page 15 of 26, Line 41         (\$20,957)         (\$21,623)         (\$21,732)         (\$21,734)         (\$21,732)         (\$21,732)         (\$21,732)         (\$21,734)         (\$21,732)         (\$21,732)         (\$21,734)         (\$21,732)         (\$21,734)         (\$21,732)         (\$21,734)         (\$21,732)         (\$21,734)         (\$21,732)         (\$21,734)         (\$21,734)         (\$21,734)         (\$21,732)         (\$21,734)         (\$21,734)         (\$21,734)         (\$21,734)         (\$21,734)         (\$21,734)         (\$21,734)         (\$21,734			,	\$74 447 591	\$71 632 477	\$68 826 387	\$66,021,589	\$63 216 791	\$60 411 993	\$57 607 194	\$54.802.396	\$51 997 598	\$49 192 800
25 Average ISR Rate Base after Deferred Tax Proration Line 23 + Line 24 Pre-Tax ROR RIPUC 4770 Return and Taxes Line 25 × Line 26 Robot Depreciation Line 27 × Line 26 Ripuc 4770 Robot Depreciation Line 28 + Line 24 Ripuc 4770 Robot Depreciation Robot Depreciation Robot Depreciation Ripuc 4770 Robot Depreciation Robot Depreciation Ripuc 4770 Robot Depreciation Robot D	24	Proration Adjustment							, , ,				, . ,
27 Return and Taxes Line 25 × Line 26 \$6,259,280 \$6,022,473 \$5,786,471 \$5,550,588 \$5,314,704 \$5,078,821 \$4,842,937 \$4,607,054 \$4,371,170 \$4,135,287 \$4,000 Depreciation Line 12 \$3,311,126				\$74,426,634	\$71,610,854	\$68,804,655	\$65,999,855	\$63,195,059	\$60,390,259	\$57,585,462	\$54,780,662	\$51,975,866	
28 Book Depreciation Line 12 \$3,311,126 \$3,3			•										
29 Annual Revenue Requirement Sum of Lines 27 through 28 \$9,570,406 \$9,333,599 \$9,097,597 \$8,861,714 \$8,625,830 \$8,389,947 \$8,154,063 \$7,918,180 \$7,682,296 \$7,446,413	28	Book Depreciation	Line 12	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126
	29	Annual Revenue Requirement	Sum of Lines 27 through 28	\$9,570,406	\$9,333,599	\$9,097,597	\$8,861,714	\$8,625,830	\$8,389,947	\$8,154,063	\$7,918,180	\$7,682,296	\$7,446,413

30 Total Revenue Requirement

31 20-year NPV

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 12 of 26

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### (2a) Cumberland LNG investment Plant In Service Model, CWIP accrues AFUDC

### The Narragansett Electric Company d/b/a National Grid

### FY 2022 Gas ISR Revenue Requirement Plan

### FY 2022 Revenue Requirement FY 2022 Forecasted Incremental Gas Capital Investme

	FY 2022 Revenue Requirement FY 2022	Forecasted Incremental Gas Capital Investme										
Line No.	D		Fiscal Year 2043 (t)	Fiscal Year 2044 (u)	Fiscal Year 2045 (v)	Fiscal Year 2046 (w)	Fiscal Year 2047 (x)	Fiscal Year 2048 (y)	Fiscal Year 2049 (z)	Fiscal Year 2050 (aa)	Fiscal Year 2051 (bb)	Fiscal Year  2052 (cc)
1 1a	Depreciable Net Capital Included in ISR Rate Base Total Allowed Capital Included in ISR Rate Base in Current Year Cumulative Allowed Capital Incl in ISR Rate Base in Current Yr	Total \$100M/3 years Current Year Line 1a + Prior Year Line 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2a	Allowance for Funds Used During Construction	Average Line 1a * 7.16% AFUDC rate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2b	Cumulative AFUDC	Current Year Line 2a + Prior Year Line 2b										
3	Net Depreciable Capital Included in ISR Rate Base	Line 1 - Line 2 + Line 2b; then = Prior Year	****	0440 540 000			****					****
		Line 3	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
	Change in Net Capital Included in ISR Rate Base											
4	Capital Included in ISR Rate Base	Line 1	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
5	Depreciation Expense	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Incremental Capital Amount	Year 1 = Line 4 - Line 5; then = Prior Year										
		Line 6	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
7	Cost of Removal	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
,	Cost of Removal	II/ d	30	30	30	30	30	30	30	Φ0	30	30
8	Net Plant Amount	Line 6 + Line 7	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
	D.C. IT. CL.I.C.											
9	<u>Deferred Tax Calculation:</u> Composite Book Depreciation Rate	RIPUC 4770	2,99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%
	Composite Book Depreciation Rate	Kii 66 4//0	2.7770	2.7770	2.7770	2.7770	2.7770	2.55770	2.7770	2.55770	2.7770	2.7770
		Year 1 =Page 14 of 26, Line 21; then = Page										
10	Tax Depreciation	14 of 26, Col (c)	\$900,142	\$899,940	\$900,142	\$899,940	\$450,071	\$0	\$0	\$0	\$0	\$0
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$107,589,907	\$108,489,847	\$109,389,989	\$110,289,929	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
12	Book Depreciation	Year 1 = Line $3 \times \text{Line } 9 \times 50\%$ ; then = Line $3 \times \text{Line } 9$	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126
13	Cumulative Book Depreciation	Prior Year Line 13 + Current Year Line 12	\$54,633,579	\$57,944,705	\$61,255,831	\$64,566,957	\$67,878,083	\$71,189,209	\$74,500,335	\$77.811.461	\$81,122,587	\$84,433,713
13	Cumulative Book Depreciation	Thor rear Ellie 13 + Current rear Ellie 12	\$54,055,577	\$57,744,705	\$01,255,651	304,300,737	\$07,070,003	\$71,167,207	\$74,500,555	\$77,011,401	\$61,122,567	\$64,733,713
14	Cumulative Book / Tax Timer	Line 11 - Line 13	\$52,956,328	\$50,545,142	\$48,134,158	\$45,722,972	\$42,861,917	\$39,550,791	\$36,239,665	\$32,928,539	\$29,617,413	\$26,306,287
15	Effective Tax Rate		21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
16	Deferred Tax Reserve	Line 14 × Line 15	\$11,120,829	\$10,614,480	\$10,108,173	\$9,601,824	\$9,001,002	\$8,305,666	\$7,610,330	\$6,914,993	\$6,219,657	\$5,524,320
17 18	Add: FY 2027 Federal NOL utilization	n/a Line 16 + Line 17	\$0 \$11,120,829	\$0 \$10,614,480	\$0 \$10,108,173	\$9,601,824	\$9,001,002	\$8,305,666	\$0 \$7,610,330	\$6,914,993	\$0 \$6,219,657	\$0 \$5,524,320
10	Net Deferred Tax Reserve before Proration Adjustment	Line 10 + Line 17	\$11,120,829	\$10,014,460	\$10,106,175	\$9,001,824	\$9,001,002	\$8,303,000	\$7,010,330	30,914,993	\$0,219,037	\$3,324,320
	ISR Rate Base Calculation:											
19	Cumulative Incremental Capital Included in ISR Rate Base	Line 8	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
20	Accumulated Depreciation	- Line 13	(\$54,633,579)	(\$57,944,705)	(\$61,255,831)	(\$64,566,957)	(\$67,878,083)	(\$71,189,209)	(\$74,500,335)	(\$77,811,461)	(\$81,122,587)	(\$84,433,713)
21	Deferred Tax Reserve	- Line 18	(\$11,120,829)	(\$10,614,480)	(\$10,108,173)	(\$9,601,824)	(\$9,001,002)	(\$8,305,666)	(\$7,610,330)	(\$6,914,993)	(\$6,219,657)	(\$5,524,320)
22	Year End Rate Base before Deferred Tax Proration	Sum of Lines 19 through 21	\$44,985,592	\$42,180,815	\$39,375,996	\$36,571,219	\$33,860,915	\$31,245,125	\$28,629,335	\$26,013,546	\$23,397,756	\$20,781,967
	Revenue Requirement Calculation:											
23	Average Rate Base before Deferred Tax Proration Adjustment	(B. W. I. 22   G. A. H. 1. 22)										
23	Average Rate Base selote Beleffed Tax Frontion Adjustment	(Prior Year Line 22 + Current Year Line 22) ÷ 2	\$46,388,002	\$43,583,204	\$40,778,406	\$37.973.607	\$35,216,067	\$32,553,020	\$29,937,230	\$27,321,441	\$24,705,651	\$22,089,862
24	Proration Adjustment	Page 15 of 26, Line 41	(\$21,732)	(\$21,734)	(\$21,732)	(\$21,734)	(\$25,789)	(\$29,845)	(\$29,845)	(\$29,845)	(\$29,845)	(\$29,845)
25	Average ISR Rate Base after Deferred Tax Proration	Line 23 + Line 24	\$46,366,270	\$43,561,470	\$40,756,674	\$37,951,873	\$35,190,278	\$32,523,175	\$29,907,385	\$27,291,596	\$24,675,806	\$22,060,017
26	Pre-Tax ROR	RIPUC 4770	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%
27	Return and Taxes	Line 25 × Line 26	\$3,899,403	\$3,663,520	\$3,427,636	\$3,191,753	\$2,959,502	\$2,735,199	\$2,515,211	\$2,295,223	\$2,075,235	\$1,855,247
28	Book Depreciation	Line 12	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126
29	Annual Revenue Requirement	Sum of Lines 27 through 28	\$7,210,529	\$6,974,646	\$6,738,762	\$6,502,879	\$6,270,628	\$6,046,325	\$5,826,337	\$5,606,349	\$5,386,361	\$5,166,373
			U.,=10,027	30,77.,040	\$0,.00,.02	00,00=,017	\$0,2.0,020	40,0.0,020	90,020,007	40,000,017	50,000,001	50,100,070

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<sup>30</sup> Total Revenue Requirement

<sup>31 20-</sup>year NPV

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 13 of 26

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### (2a) Cumberland LNG investment Plant In Service Model, CWIP accrues AFUDC

### The Narragansett Electric Company d/b/a National Grid

### FY 2022 Gas ISR Revenue Requirement Plan

### FY 2022 Revenue Requirement FY 2022 Forecasted Incremental Gas Capital Investme

	1 1 2022 Revenue Requirement 1 1 2022	1 orecasted incremental ous capital investm								
Line No.	Description of the state of the part of th		Fiscal Year 2053 (dd)	Fiscal Year 2054 (ee)	Fiscal Year 2055 (ff)	Fiscal Year 2056 (gg)	Fiscal Year 2057 (hh)	Fiscal Year 2058 (ii)	Fiscal Year  2059 (jj)	Fiscal Year 2060 (kk)
1 1a	Depreciable Net Capital Included in ISR Rate Base Total Allowed Capital Included in ISR Rate Base in Current Year Cumulative Allowed Capital Incl in ISR Rate Base in Current Yr	Total \$100M/3 years Current Year Line 1a + Prior Year Line 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2a	Allowance for Funds Used During Construction	Average Line 1a * 7.16% AFUDC rate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2b	Cumulative AFUDC	Current Year Line 2a + Prior Year Line 2b								
3	Net Depreciable Capital Included in ISR Rate Base	Line 1 - Line 2 + Line 2b; then = Prior Year Line 3	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
	Change in Net Capital Included in ISR Rate Base									
4	Capital Included in ISR Rate Base	Line 1	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	,,	\$110,740,000	,,
5	Depreciation Expense	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Incremental Capital Amount	Year 1 = Line 4 - Line 5; then = Prior Year Line 6	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
7	Cost of Removal	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	Net Plant Amount	Line 6 + Line 7	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000
	Deferred Tax Calculation:									
9	Composite Book Depreciation Rate	RIPUC 4770	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%
		Year 1 = Page 14 of 26, Line 21; then = Page								
10	Tax Depreciation	14 of 26, Col (c)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10			\$110,740,000	\$110,740,000	\$110,740,000			\$110,740,000
	•									
		Year $1 = \text{Line } 3 \times \text{Line } 9 \times 50\%$ ; then =								
12	Book Depreciation	Line 3 × Line 9	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,128,405
13	Cumulative Book Depreciation	Prior Year Line 13 + Current Year Line 12	\$87,744,839	\$91,055,965	\$94,367,091	\$97,678,217	\$100,989,343	\$104,300,469	\$107,611,595	\$110,740,000
14	Cumulative Book / Tax Timer	Line 11 - Line 13	\$22,995,161	\$19,684,035	\$16,372,909	\$13,061,783	\$9,750,657	\$6,439,531	\$3,128,405	(\$0)
15	Effective Tax Rate	Elle 11 - Elle 13	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
16	Deferred Tax Reserve	Line 14 × Line 15	\$4,828,984	\$4,133,647	\$3,438,311	\$2,742,974	\$2,047,638	\$1,352,301	\$656,965	(\$0)
17	Add: FY 2027 Federal NOL utilization	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	Net Deferred Tax Reserve before Proration Adjustment	Line 16 + Line 17	\$4,828,984	\$4,133,647	\$3,438,311	\$2,742,974	\$2,047,638	\$1,352,301	\$656,965	(\$0)
	ICD Date Date Calculation									
19	ISR Rate Base Calculation: Cumulative Incremental Capital Included in ISR Rate Base	Line 8	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110,740,000	\$110.740.000	\$110,740,000	\$110.740.000
20	Accumulated Depreciation	- Line 13	(\$87,744,839)						(\$107,611,595)	
21	Deferred Tax Reserve	- Line 18	(\$4,828,984)	(\$4,133,647)	(\$3,438,311)	(\$2,742,974)	(\$2,047,638)	(\$1,352,301)	(\$656,965)	\$0
22	Year End Rate Base before Deferred Tax Proration	Sum of Lines 19 through 21	\$18,166,177	\$15,550,388	\$12,934,598	\$10,318,809	\$7,703,019	\$5,087,230	\$2,471,440	\$0
	Danier Danier of Calculation									
23	Revenue Requirement Calculation:  Average Rate Base before Deferred Tax Proration Adjustment									
23	Average Rate base before befored Tax Frontion Adjustment	(Prior Year Line 22 + Current Year Line 22) ÷ 2	610 474 072	617 050 202	\$14,242,493	611 (2( 702	60.010.014	\$6,395,124	62 770 225	\$1,235,720
24	Proration Adjustment	÷ 2 Page 15 of 26, Line 41	\$19,474,072 (\$29,845)	\$16,858,283 (\$29,845)	\$14,242,493 (\$29,845)	\$11,626,703 (\$29,845)	\$9,010,914 (\$29,845)	(\$29,845)	\$3,779,335 (\$29,845)	\$1,235,720 (\$28,198)
25	Average ISR Rate Base after Deferred Tax Proration	Line 23 + Line 24	\$19,444,227	\$16,828,438	\$14,212,648	\$11,596,858	\$8,981,069	\$6,365,279	\$3,749,490	\$1,207,522
26	Pre-Tax ROR	RIPUC 4770	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%
27	Return and Taxes	Line 25 × Line 26	\$1,635,259	\$1,415,272	\$1,195,284	\$975,296	\$755,308	\$535,320	\$315,332	\$101,553
28	Book Depreciation	Line 12	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,128,405
29	Annual Revenue Requirement	Sum of Lines 27 through 28	\$4,946,385	\$4,726,398	\$4,506,410	\$4,286,422	\$4,066,434	\$3,846,446	\$3,626,458	\$3,229,958
2)	. Innum 120 court requirement	Sam of Lines 27 through 20	ψ <del>1</del> ,710,203	94,720,370	ψ <del>1,500,710</del>	97,200,722	ψ <del>1</del> ,000,434	90,010,110	90,020,430	90,00,00

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<sup>30</sup> Total Revenue Requirement

<sup>31 20-</sup>year NPV

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 14 of 26

### (2a) Cumberland LNG investment Plant In Service Model, CWIP accrues AFUDC

### The Narragansett Electric Company d/b/a National Grid

### FY 2022 Gas ISR Revenue Requirement Plan

### Calculation of Tax Depreciation and Repairs Deduction on FY 2022 Incremental Capital Investments

Line				In-Service Year Fiscal Year				
No.				2027 (a)		(b)	(c)	(d)
	Capital Repairs Deduction			(4)		(0)	(0)	(u)
1	Plant Additions	Page 10 of 26, Line 3		\$110,740,000		20 Year	MACRS Depre	ciation
2	Capital Repairs Deduction Rate	Per Tax Department	1/	81.78%		20 1001	wirerts Bepre	Ciacion
3	Capital Repairs Deduction	Line 1 × Line 2		\$90,566,494	MACRS ba	sis.	\$20,173,506	
5	Cupital Repairs Bedatetion	Eme 1 Eme 2		Ψ,0,200,151	Will Telts ou		Annual	Cumulative
					Fiscal Year		11111441	Cumulative
	Bonus Depreciation				2027	3.75%	\$756,506	\$91,323,000
4	Plant Additions	Line 1		\$110,740,000	2028	7.22%	\$1,456,325	\$92,779,325
5	Less Capital Repairs Deduction	Line 3		\$90,566,494	2029	6.68%	\$1,346,985	\$94,126,310
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5		\$20,173,506	2030	6.18%	\$1,246,117	\$95,372,428
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department		0.00%	2031	5.71%	\$1,152,512	\$96,524,940
8	Plant Eligible for Bonus Depreciation	Line 6 × Line 7		\$0	2032	5.29%	\$1,066,170	\$97,591,110
9	Bonus Depreciation Rate 30%	Per Tax Department		0.00%	2033	4.89%	\$986,081	\$98,577,191
10	Bonus Depreciation Rate 0%	Per Tax Department		0.00%	2034	4.52%	\$912,246	\$99,489,437
11	Total Bonus Depreciation Rate	Line 9 + Line 10		0.00%	2035	4.46%	\$900,142	\$100,389,579
12	Bonus Depreciation	Line 8 × Line 11		\$0	2036	4.46%	\$899,940	\$101,289,519
					2037	4.46%	\$900,142	\$102,189,661
	Remaining Tax Depreciation				2038	4.46%	\$899,940	\$103,089,601
13	Plant Additions	Line 1		\$110,740,000	2039	4.46%	\$900,142	\$103,989,743
14	Less Capital Repairs Deduction	Line 3		\$90,566,494	2040	4.46%	\$899,940	\$104,889,683
15	Less Bonus Depreciation	Line 12		\$0	2041	4.46%	\$900,142	\$105,789,825
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15		\$20,173,506	2042	4.46%	\$899,940	\$106,689,765
17	20 YR MACRS Tax Depreciation Rates	IRS Publication 946		3.75%	2043	4.46%	\$900,142	\$107,589,907
18	Remaining Tax Depreciation	Line 16 × Line 17		\$756,506	2044	4.46%	\$899,940	\$108,489,847
					2045	4.46%	\$900,142	\$109,389,989
19	FY27 tax (gain)/loss on retirements	Per Tax Department	2/	\$0	2046	4.46%	\$899,940	\$110,289,929
20	Cost of Removal	Page 10 of 26, Line 17		\$0	2047	2.23%	\$450,071	\$110,740,000
						100.00%	\$20,173,506	
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19 & 2	0	\$91,323,000				

<sup>1/</sup> Capital Repairs percentage is based on a three-year average of FYs 2018, 2019 and 2020 capital repairs rates.

<sup>2/</sup> FY 2022 estimated tax loss on retirements is tax department estimate

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### (2a) Cumberland LNG investment Plant In Service Model, CWIP accrues AFUDC

### The Narragansett Electric Company d/b/a National Grid

### FY 2022 Gas ISR Revenue Requirement Plan

### Calculation of Net Deferred Tax Reserve Proration on FY 2022 Incremental Capital Investments

				1	2	3	4	5	6	7	8	9	10	11	12
				(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)
Line				2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
No.	Deferred Tax Subject to Proration	D 10	606 T: 10	01 (55 562	62 211 126	62 211 126	62 211 126	#2 211 12 <i>6</i>	62 211 126	62 211 126	62 211 126	#2 211 12 <i>6</i>	62 211 126	62 211 126	62 211 126
1	Book Depreciation		of 26, Line 12	\$1,655,563 \$0	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126
2	Bonus Depreciation		26, Line 12 ,Col (a)	* -	(01.456.225)	(01.246.005)	(01.046.115)	(01.150.510)	(01.066.170)	(000 ( 001)	(6012.216)	(0000 140)	(0000 040)	(0000 140)	(0000 040)
3	Remaining MACRS Tax Depreciation		of 26, Col (c)	(\$756,506)				(\$1,152,512)							. , ,
4	FY27 tax (gain)/loss on retirements		6, Line 19 ,Col (a)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Li	nes 1 through 4	\$899,057		\$1,964,141 21%			\$2,244,956						
6	Effective Tax Rate Deferred Tax Reserve	T. C	5 × Line 6	21% \$188,802	21% \$389,508	\$412,470	21% \$433,652	21% \$453,309	21% \$471,441	21% \$488,259	21% \$503,765	21% \$506,307	21% \$506,349	21% \$506,307	21%
,	Deferred Tax Reserve	Line	3 × Line 6	\$100,002	\$369,306	\$412,470	\$433,632	\$433,309	54/1,441	3400,239	\$303,763	\$300,307	\$300,349	\$300,307	\$506,349
	Deferred Tax Not Subject to Proration														
8	Capital Repairs Deduction	- Page 14 of	26, Line 3 ,Col (a)	(\$90,566,494)											
9	Cost of Removal		of 26, Line 20	\$0											
10	Book/Tax Depreciation Timing Difference at 3/31/2022		,	**											
11	Cumulative Book / Tax Timer	Line 8 ± I	ine 9 + Line 10	(\$90,566,494)											
12	Effective Tax Rate			21%											
13	Deferred Tax Reserve	Line 1	1 × Line 12	(\$19,018,964)											
14	Total Deferred Tax Reserve	Line '	7 + Line 13	(\$18,830,162)	\$389,508	\$412,470	\$433,652	\$453,309	\$471,441	\$488,259	\$503,765	\$506,307	\$506,349	\$506,307	\$506,349
15	Net Operating Loss		of 26, Line 17	\$0											
16	Net Deferred Tax Reserve	Line 1	4 + Line 15	(\$18,830,162)	\$389,508	\$412,470	\$433,652	\$453,309	\$471,441	\$488,259	\$503,765	\$506,307	\$506,349	\$506,307	\$506,349
	Allocation of FY 2027 Estimated Federal NOL														
17		,	Line 5	\$899,057											
18	Cumulative Book/Tax Timer Subject to Proration		ine 11	(\$90,566,494)											
19	Cumulative Book/Tax Timer Not Subject to Proration Total Cumulative Book/Tax Timer		7 + Line 18												
19	Total Cumulative Book/Tax Timer	Line	/ + Line 18	(\$89,667,437)											
20	Total FY 2027 Federal NOL	Line	15 / 21%	\$0											
21	Allocated FY 2027 Federal NOL Not Subject to Proration	(Line 18 ÷ L	ine 19) × Line 20	\$0											
22	Allocated FY 2027 Federal NOL Subject to Proration	(Line 17 ÷ L	ine 19) × Line 20	\$0											
23	Effective Tax Rate			21%											
24	Deferred Tax Benefit subject to proration	Line 2	2 × Line 23	\$0											
25	Net Deferred Tax Reserve subject to proration	Line	7 + Line 24	\$188,802	\$389,508	\$412,470	\$433,652	\$453,309	\$471,441	\$488,259	\$503,765	\$506,307	\$506,349	\$506,307	\$506,349
23	Net Deletted Tax Reserve subject to protation	Line	/ Ellic 24	\$100,002	\$307,300	\$ <del>12,7</del> 70	\$ <del>1</del> 33,032	\$455,507	94/1,441	\$ <del>7</del> 00,237	\$303,703	\$500,507	\$500,547	\$500,507	\$500,547
		(h)	(i)	(j)	(k)	(k)	(k)	(k)	(k)	(k)	(k)	(k)	(k)	(k)	(k)
		Number of Days in	<u>L</u>												
	Proration Calculation	Month	Proration Percentage	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
26	April	30	91.78%	\$14,440	\$29,791	\$31,547	\$33,167	\$34,671	\$36,058	\$37,344	\$38,530	\$38,724	\$38,728	\$38,724	\$38,728
27	May	31	83.29%	\$13,104	\$27,034	\$28,628	\$30,098	\$31,463	\$32,721	\$33,888	\$34,964	\$35,141	\$35,144	\$35,141	\$35,144
28	June	30	75.07%	\$11,811	\$24,366	\$25,803	\$27,128	\$28,358	\$29,492	\$30,544	\$31,514	\$31,673	\$31,676	\$31,673	\$31,676
29	July	31	66.58%	\$10,475	\$21,610	\$22,884	\$24,059	\$25,149	\$26,155	\$27,088	\$27,949	\$28,090	\$28,092	\$28,090	\$28,092
30	August	31	58.08%	\$9,138	\$18,853	\$19,964	\$20,990	\$21,941	\$22,819	\$23,633	\$24,383	\$24,506	\$24,508	\$24,506	\$24,508
31	September	30	49.86%	\$7,845	\$16,185	\$17,139	\$18,019	\$18,836	\$19,590	\$20,288	\$20,933	\$21,038	\$21,040	\$21,038	\$21,040
32	October	31	41.37%	\$6,509	\$13,428	\$14,220	\$14,950	\$15,628	\$16,253	\$16,833	\$17,367	\$17,455	\$17,456	\$17,455	\$17,456
33	November	30	33.15%	\$5,216	\$10,760	\$11,395	\$11,980	\$12,523	\$13,024	\$13,488	\$13,917	\$13,987	\$13,988	\$13,987	\$13,988
34	December	31	24.66%	\$3,879	\$8,004	\$8,475	\$8,911	\$9,315	\$9,687	\$10,033	\$10,351	\$10,404	\$10,404	\$10,404	\$10,404
35	January	31	16.16%	\$2,543	\$5,247	\$5,556	\$5,841	\$6,106	\$6,350	\$6,577	\$6,786	\$6,820	\$6,821	\$6,820	\$6,821
36	February	28	8.49%	\$1,336	\$2,757	\$2,919	\$3,069	\$3,208	\$3,337	\$3,456	\$3,565	\$3,583	\$3,584	\$3,583	\$3,584
37	March	31	0.00%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	Total	365		\$86,297	\$178,035	\$188,531	\$198,213	\$207,197	\$215,485	\$223,172	\$230,260	\$231,421	\$231,441	\$231,421	\$231,441
39	Deferred Tax Without Proration	Т	ine 25	\$188,802	\$389,508	\$412,470	\$433,652	\$453,309	\$471,441	\$488,259	\$503,765	\$506,307	\$506,349	\$506,307	\$506,349
40	Average Deferred Tax without Proration		20	Ψ100,002	Ψ507,500	φ-12,-70	ψ <del>1</del> 33,032	φ-100,000	ψ1/1,111	Q-100,237	4505,105	9500,501	2200,247	4500,507	4500,547
+0	Average Deterred Tax without Floration	T in	e 39 × 0.5	\$94,401	\$194,754	\$206,235	\$216,826	\$226,654	\$235,720	\$244,130	\$251,882	\$253,153	\$253,175	\$253,153	\$253,175
41	Proration Adjustment		88 - Line 40	(\$8,104)	(\$16,719)	(\$17,704)	(\$18,613)	,	(\$20,235)	(\$20,957)	(\$21,623)	,	(\$21,734)	,	(\$21,734)
+1	1 Totation Augustinent	Line	o Line to	(\$0,104)	(\$10,/19)	(41/,/04)	(\$10,013)	(417,43/)	(\$40,433)	(420,737)	(\$21,023)	(941,/34)	(041,/34)	(941,134)	(\$41,734)

<sup>(</sup>i) Sum of remaining days in the year (Col (h)) divided by 365

<sup>(</sup>j) & (k) Current Year Line 25 ÷ 12 × Current Month Col (i)

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## Cumberland LNG investment Plant In Service Model, CWIP accrues AFUDC The Narragansett Electric Company

## d/b/a National Grid

### FY 2022 Gas ISR Revenue Requirement Plan

### Calculation of Net Deferred Tax Reserve Proration on FY 2022 Incremental Capital In

				13 (m)	14 (n)	(o)	16 (p)	17 (q)	18 (r)	19 (s)	20 (t)	21 (u)	22 (v)	23 (w)	24 (x)	25 (y)	26 (z)
Line				2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052
No.	Deferred Tax Subject to Proration																
1	Book Depreciation			\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126
2	Bonus Depreciation		, Line 12 ,Col (a)														
3	Remaining MACRS Tax Depreciation		f 26, Col (c)	(\$900,142) \$0	(\$899,940) \$0	(\$900,142) \$0	(\$899,940) \$0	(\$900,142) \$0	(\$899,940) \$0	(\$900,142) \$0	(\$899,940) \$0	(\$450,071) \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
5	FY27 tax (gain)/loss on retirements Cumulative Book / Tax Timer		, Line 19 ,Col (a) es 1 through 4				4.0							\$3,311,126		4.0	
6	Effective Tax Rate	Sulli Of Line	s i unough 4	21%	21%	21%	21%			21%	21%	21%	21%	21%	21%	21%	21%
7	Deferred Tax Reserve	Line 5	× Line 6	\$506,307	\$506,349	\$506,307	\$506,349	\$506,307	\$506,349	\$506,307	\$506,349	\$600,822	\$695,336	\$695,336	\$695,336	\$695,336	\$695,336
							. ,										
	Deferred Tax Not Subject to Proration																
8	Capital Repairs Deduction		, Line 3 ,Col (a)														
9 10	Cost of Removal Book/Tax Depreciation Timing Difference at 3/31/2022	- Page 14 o	f 26, Line 20														
11	Cumulative Book / Tax Timer	Line 8 + Lir	ne 9 + Line 10														
12	Effective Tax Rate	Ellie 6 · Ell	ie > · Eine 10														
13	Deferred Tax Reserve	Line 11	× Line 12														
14	Total Deferred Tax Reserve		+ Line 13	\$506,307	\$506,349	\$506,307	\$506,349	\$506,307	\$506,349	\$506,307	\$506,349	\$600,822	\$695,336	\$695,336	\$695,336	\$695,336	\$695,336
15 16	Net Operating Loss Net Deferred Tax Reserve		26, Line 17 + Line 15	\$506,307	\$506,349	\$506,307	\$506,349	\$506,307	\$506,349	\$506,307	\$506,349	\$600,822	\$695,336	\$695,336	\$695,336	\$695,336	\$695,336
10	Net Deterred Tax Reserve	Lille 14	Line 15	\$300,307	\$300,349	\$500,507	\$500,547	\$500,507	\$300,349	\$300,307	\$300,349	\$000,822	\$093,330	\$095,550	\$075,550	\$075,550	\$095,550
	Allocation of FY 2027 Estimated Federal NOL																
17	Cumulative Book/Tax Timer Subject to Proration	Li	ne 5														
18	Cumulative Book/Tax Timer Not Subject to Proration		ne 11														
19	Total Cumulative Book/Tax Timer	Line 17	+ Line 18														
20	Total FY 2027 Federal NOL	Line 1	5 / 21%														
21	Allocated FY 2027 Federal NOL Not Subject to Proration		e 19) × Line 20														
22	Allocated FY 2027 Federal NOL Subject to Proration		e 19) × Line 20														
23	Effective Tax Rate		.,														
24	Deferred Tax Benefit subject to proration	Line 22	× Line 23														
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	\$506,307	\$506,349	\$506,307	\$506,349	\$506,307	\$506,349	\$506,307	\$506,349	\$600,822	\$695,336	\$695,336	\$695,336	\$695,336	\$695,336
		(h)	(i)	(k)													
		Number of Days in															
	Proration Calculation	Month	Proration Percentage	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052
26	April	30	91.78%	\$38,724	\$38,728	\$38,724	\$38,728	\$38,724	\$38,728	\$38,724	\$38,728	\$45,953	\$53,182	\$53,182	\$53,182	\$53,182	\$53,182
27 28	May June	31 30	83.29% 75.07%	\$35,141 \$31,673	\$35,144 \$31,676	\$35,141 \$31,673	\$35,144 \$31,676	\$35,141 \$31,673	\$35,144 \$31,676	\$35,141 \$31,673	\$35,144 \$31,676	\$41,701 \$37,586	\$48,261 \$43,498	\$48,261 \$43,498	\$48,261 \$43,498	\$48,261 \$43,498	\$48,261 \$43,498
29	July	31	66.58%	\$28,090	\$28,092	\$28,090	\$28,092	\$28.090	\$28,092	\$28,090	\$28,092	\$33,333	\$38,577	\$38,577	\$38,577	\$38,577	\$38,577
30	August	31	58.08%	\$24,506	\$24,508	\$24,506	\$24,508	\$24,506	\$24,508	\$24,506	\$24,508	\$29,081	\$33,656	\$33,656	\$33,656	\$33,656	\$33,656
31	September	30	49.86%	\$21,038	\$21,040	\$21,038	\$21,040	\$21,038	\$21,040	\$21,038	\$21,040	\$24,966	\$28,893	\$28,893	\$28,893	\$28,893	\$28,893
32	October	31	41.37%	\$17,455	\$17,456	\$17,455	\$17,456	\$17,455	\$17,456	\$17,455	\$17,456	\$20,713	\$23,972	\$23,972	\$23,972	\$23,972	\$23,972
33	November	30	33.15%	\$13,987	\$13,988	\$13,987	\$13,988	\$13,987	\$13,988	\$13,987	\$13,988	\$16,598	\$19,209	\$19,209	\$19,209	\$19,209	\$19,209
34	December	31	24.66%	\$10,404	\$10,404	\$10,404	\$10,404	\$10,404	\$10,404	\$10,404	\$10,404	\$12,346	\$14,288	\$14,288	\$14,288	\$14,288	\$14,288
35 36	January February	31 28	16.16% 8.49%	\$6,820 \$3,583	\$6,821 \$3,584	\$6,820 \$3,583	\$6,821 \$3,584	\$6,820 \$3,583	\$6,821 \$3,584	\$6,820 \$3,583	\$6,821 \$3,584	\$8,093 \$4,252	\$9,366 \$4,921	\$9,366 \$4,921	\$9,366 \$4,921	\$9,366 \$4,921	\$9,366 \$4,921
36 37	March	28 31	0.00%	\$3,383	\$3,384 \$0	\$3,383	\$3,384	\$3,383	\$3,384	\$3,383 \$0	\$3,384 \$0	\$4,232 \$0	\$4,921 \$0	\$4,921 \$0	\$4,921 \$0	\$4,921 \$0	\$4,921 \$0
38	Total	365	0.0070	\$231,421	\$231,441	\$231,421	\$231,441	\$231,421	\$231,441	\$231,421	\$231,441	\$274,622	\$317,823	\$317,823	\$317,823	\$317,823	\$317,823
				,	,	, =-	,		,	,	,	/	,			,	
39	Deferred Tax Without Proration	Lir	ne 25	\$506,307	\$506,349	\$506,307	\$506,349	\$506,307	\$506,349	\$506,307	\$506,349	\$600,822	\$695,336	\$695,336	\$695,336	\$695,336	\$695,336
40	Average Deferred Tax without Proration																
41	D. C. Allina		39 × 0.5	\$253,153	\$253,175	\$253,153	\$253,175	\$253,153	\$253,175	\$253,153	\$253,175	\$300,411	\$347,668	\$347,668	\$347,668	\$347,668	\$347,668
41	Proration Adjustment	Line 38	- Line 40	(\$21,732)	(\$21,734)	(\$21,732)	(\$21,734)	(\$21,732)	(\$21,734)	(\$21,732)	(\$21,734)	(\$25,789)	(\$29,845)	(\$29,845)	(\$29,845)	(\$29,845)	(\$29,845)

Sum of remaining days in the year (Col (h)) divided by 365

<sup>(</sup>j) & (k) Current Year Line 25 ÷ 12 × Current Month Col (i)

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 17 of 26

## Cumberland LNG investment Plant In Service Model, CWIP accrues AFUDC The Narragansett Electric Company

## d/b/a National Grid

### FY 2022 Gas ISR Revenue Requirement Plan

### Calculation of Net Deferred Tax Reserve Proration on FY 2022 Incremental Capital In

December   Properties   Prope					27 (aa)	28 (bb)	(cc) 29	30 (dd)	31 (ee)	32 (ff)	33 (gg)	34 (hh)	35 (ii)
Book Prepreciation	Line												
Roman Directation		•											
Remaining MACRS Tax Depreciation   Page 14 of 26, Calic O   S0   S0   S0   S0   S0   S0   S0					\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,311,126	\$3,128,405	\$0
Py27 tax [gainy]loss on erinements   Page 1 k of 26, Line 19/Cell   Solid					60	0.0	0.0	0.0	0.0	60	60	60	0.0
Commutative Blook 174 Timer   Some of Lines 1 through   1   2   311   1   2   311   1   2   311   1   3   311   1   3   311   1													
Effective Tax Rate													
Deferred Tax Reserve			Sum of En	ics i unough 4									
Reg   Capital Reguise Dediction   -Page   Hor   25, Line   3   Capital Reguise   C			Line	5 × Line 6		\$695,336			\$695,336				
Page 14 of 26, Line 20   Line 8 + Line 9 + Line 10		Deferred Tax Not Subject to Proration											
Book   Tax Depreciation   Taming Difference at 3/11/20/22   Line   S + Line	8	Capital Repairs Deduction	- Page 14 of 2	6, Line 3 ,Col (a)									
Camulative Book / Tax Timer   Line \$ + Line 9 + Line 10     Effective Tax Rate   Camulative Book / Tax Timer   Camulative Book / Tax Timer   Camulative Book / Tax Timer Stablect to Pronation     Total Deferred Tax Reserve   Line 1 + Line 13   S605,336	-		- Page 14	of 26, Line 20									
Effective Tax Rase													
Total Deferred Tax Reserve			Line 8 + L	ine 9 + Line 10									
Total Deferred Tax Reserve   Line 7 + Line 13   Sop5,336   Sop5,			T.1	L T 12									
Net Operating Loss   Page 10 c/26, Line 17   Line 14 + Line 15   S69, 336   S695, 336	13	Deferred Tax Reserve	Line I	1 × Line 12									
Net Deferred Tax Reserve   Time 14 + Line 15   \$695,336   \$695,3					\$695,336	\$695,336	\$695,336	\$695,336	\$695,336	\$695,336	\$695,336	\$656,965	\$0
Allocation of FY 2027 Estimated Federal NOL Cumulative Book/Tax Timer Subject to Proration Cumulative Book/Tax Timer Subject to Proration Total Cumulative Book/Tax Timer Subject to Proration Allocated FY 2027 Federal NOL Cline 18  20 Total FY 2027 Federal NOL Cline 18 - Line 19   X-Line 18  21 Allocated FY 2027 Federal NOL Subject to Proration Allocated FY 2027 Federal NOL Subject to Proration Cline 18 - Line 19   X-Line 20   Cline 18 - Line 19   X-Line 20   Cline 18 - Line 23  25 Net Deferred Tax Reserve subject to proration  Line 22 × Line 23  26 Net Deferred Tax Reserve subject to proration  Line 7 - Line 24  Deferred Tax Reserve subject to proration  Line 7 - Line 24  Deferred Tax Reserve subject to proration  Line 7 - Line 24  Deferred Tax Reserve Subject to proration  Line 7 - Line 24  Deferred Tax Reserve Subject to proration  Line 7 - Line 24  Deferred Tax Reserve Subject to proration  Line 7 - Line 24  Deferred Tax Reserve Subject to proration  Line 7 - Line 24  Deferred Tax Reserve Subject to proration  Line 7 - Line 24  Deferred Tax Reserve Subject to proration  Line 7 - Line 24  Deferred Tax Reserve Subject to proration  Line 7 - Line 24  Deferred Tax Reserve Subject to proration  Line 7 - Line 24  Deferred Tax Reserve Subject to proration  Line 7 - Line 24  Deferred Tax Reserve Subject to proration  Line 28 - Subject to Proration  Line 28 - Line 28  Deferred Tax Reserve Subject to proration  Line 28 - Line 28  Deferred Tax Reserve Subject to proration  Line 29 - Line 29 - Line 20  Line 30 - Subject 20  Line 18 - Line 20  Line 30 - L													
Cumulative Book/Tax Timer Subject to Proration   Line 17 + Line 18   Line 17 + Line 19   Line 20   (Line 17 + Line 19   Line 20   (Line 17 + Line 19   Line 20   (Line 17 + Line 19   Line 20   Li	16	Net Deferred Tax Reserve	Line 1	1 + Line 15	\$695,336	\$695,336	\$695,336	\$695,336	\$695,336	\$695,336	\$695,336	\$656,965	\$0
Comparison   Com		Allocation of FY 2027 Estimated Federal NOL											
Total FY 2027 Federal NOL													
Total FY 2027 Federal NOL													
Allocated FY 2027 Federal NOL Not Subject to Proration   Cline 18 + Line 19 > Line 20   Cline 17 + Line 19   Name of Days in Proration   Cline 17 + Line 24   S695,346   S695,	19	Total Cumulative Book/Tax Timer	Line 1	7 + Line 18									
Allocated FY 2027 Federal NOL Subject to Proration   Line 27 × Line 19 ) × Line 20	20	Total FY 2027 Federal NOL	Line	15 / 21%									
Effective Tax Rate													
Proration Calculation   Line 7 + Line 24   S695,336   S995,336			(Line 17 ÷ Li	ne 19) × Line 20									
Net Deferred Tax Reserve subject to proration   Line 7 + Line 24   S695,336													
Proration Calculation   Number of Days in	24	Deterred Tax Benefit subject to proration	Line 2	2 × Line 23									
Number of Days in   Proration Percentage   2053   2054   2055   2056   2057   2058   2059   2060   2061	25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	\$695,336	\$695,336	\$695,336	\$695,336	\$695,336	\$695,336	\$695,336	\$656,965	\$0
Proration Calculation					(k)	(k)							
26         April         30         91.78%         \$53,182         \$48,261 <td></td> <td>D. d. Cl. I.d.</td> <td></td> <td></td> <td>2052</td> <td>2054</td> <td>2055</td> <td>2056</td> <td>2057</td> <td>2050</td> <td>2050</td> <td>20.00</td> <td>2061</td>		D. d. Cl. I.d.			2052	2054	2055	2056	2057	2050	2050	20.00	2061
May   31   83.29%   \$48,261   \$48,	26												
Nume   Start				,	,	,	,	,	,	,	,	,	
29         July         31         66.58%         \$38,577 <td></td>													
31 September 30 49.86% \$28,893 \$28,893 \$28,893 \$28,893 \$28,893 \$28,893 \$28,893 \$28,893 \$28,893 \$27,299 \$0 \$0 \$0 \$0 \$0 \$0 \$1 \$41,37% \$23,972 \$2	29	July	31	66.58%		\$38,577			\$38,577				\$0
32         October         31         41.37%         \$23,972         \$23,972         \$23,972         \$23,972         \$23,972         \$23,972         \$23,972         \$23,972         \$23,972         \$23,972         \$23,972         \$23,972         \$23,972         \$23,972         \$23,972         \$22,649         \$0           33         November         30         33.15%         \$19,209         \$19,2	30	August	31	58.08%	\$33,656	\$33,656	\$33,656	\$33,656	\$33,656	\$33,656	\$33,656	\$31,798	\$0
November   30   33.15%   \$19,209   \$19,209   \$19,209   \$19,209   \$19,209   \$19,209   \$19,209   \$18,149   \$0   \$19,209   \$19,													
34         December         31         24.66%         \$14.288         \$14.288         \$14.288         \$14.288         \$14.288         \$14.288         \$14.288         \$14.288         \$14.288         \$14.288         \$14.288         \$14.288         \$14.288         \$14.288         \$14.288         \$14.288         \$14.288         \$13.499         \$0           35         January         31         16.16%         \$9.366         \$9.20         \$9.0         \$9.0         \$9.0         \$9.0         \$9.0         \$9.0         \$9.0         \$9.0         \$9.0         \$9.0         \$9.0         \$9.0         \$9.0         \$9.0													
35         January         31         16.16%         \$9,366         \$8,850         \$0           36         February         \$1         \$0.00%         \$0         \$													
36         February         28         8.49%         \$4,921         \$4,921         \$4,921         \$4,921         \$4,921         \$4,921         \$4,921         \$4,650         \$0           37         March         31         0.00%         \$0         <													
37         March         31         0.00%         80         <								,					
38 Total 365 \$317,823 \$317,823 \$317,823 \$317,823 \$317,823 \$317,823 \$317,823 \$317,823 \$300,284 \$0  39 Deferred Tax Without Proration Line 25 \$695,336 \$695,33		•											
40 Average Deferred Tax without Proration  Line 39 × 0.5 \$347,668 \$347,668 \$347,668 \$347,668 \$347,668 \$347,668 \$347,668 \$347,668 \$328,483 \$0				0.0070									
40 Average Deferred Tax without Proration  Line 39 × 0.5 \$347,668 \$347,668 \$347,668 \$347,668 \$347,668 \$347,668 \$347,668 \$347,668 \$328,483 \$0	39	Deferred Tax Without Proration	ī	ine 25	\$695 336	\$695 336	\$695 336	\$695 336	\$695 336	\$695 336	\$695 336	\$656 965	\$0
Line 39 × 0.5 \$347,668 \$347,668 \$347,668 \$347,668 \$347,668 \$347,668 \$347,668 \$328,483 \$0			L		QU/2,230	40,0,000	40,0,000	40,0,000	40,0,000	\$0,5,550	QU75,550	4000,700	<b>J</b> 0
		G	Line	39 × 0.5	\$347,668	\$347,668	\$347,668	\$347,668	\$347,668	\$347,668	\$347,668	\$328,483	\$0
	41	Proration Adjustment			,	,	,	,	,	,	,	,	

<sup>(</sup>i) Sum of remaining days in the year (Col (h)) divided by 365

<sup>(</sup>j) & (k) Current Year Line 25 ÷ 12 × Current Month Col (i)

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 18 of 26

#### (2b) Cumberland LNG investment, Spend model, recovery of book depreciation begins when placed into service

### The Narragansett Electric Company d/b/a National Grid

### FY 2022 Gas ISR Revenue Requirement Plan

	FY 2022 Revenue Requirement FY 2022	Forecasted Incremental Gas Capital Investment									
Line No.	ŕ	·	Spend Year 1 Fiscal Year 2024 (a)	Spend Year 2 Fiscal Year 2025 (b)	Spend Year 3 Fiscal Year  2026 (c)	In-Service Year Fiscal Year  2027 (d)	Fiscal Year  2028 (e)	Fiscal Year  2029 (f)	Fiscal Year 2030 (g)	Fiscal Year 2031 (h)	Fiscal Year 2032 (i)
1	Depreciable Net Capital Included in ISR Rate Base Total Allowed Capital Included in ISR Rate Base in Current Year	Total \$100M/3 years	\$33,333,333	\$33,333,333	\$33,333,333	\$0	\$0	\$0	\$0	\$0	\$0
1a 2	Cumulative Allowed Capital Included in ISR Rate Base in Current Yea Retirements	r n/a	\$33,333,333 \$0	\$66,666,667 \$0	\$100,000,000 \$0	\$100,000,000 \$0	\$0	\$0	\$0	\$0	\$0
2a	Allowance for Funds Used During Construction	n/a					\$0	\$0	\$0	\$0	\$0
2b	Cumulative AFUDC		\$0	\$0	\$0	\$0					
3	Net Depreciable Capital Included in ISR Rate Base	Line 1a - Line 2	\$33,333,333	\$66,666,667	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000
	Change in Net Capital Included in ISR Rate Base										
4	Capital Included in ISR Rate Base	Line 1a	\$33,333,333	\$66,666,667	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000
5	Depreciation Expense	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Incremental Capital Amount	Line 4 - Line 5	\$33,333,333	\$66,666,667	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000
7	Cost of Removal	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	Net Plant Amount	Line 6 + Line 7	\$33,333,333	\$66,666,667	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000
	Deferred Tax Calculation:										
9	Composite Book Depreciation Rate	RIPUC 4770	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%
		Year 1 =Page 23 of 26, Line 21; then = Page									
10	Tax Depreciation	23 of 26, Col (c)	\$0	\$0	\$0	\$82,466,138	\$1,315,085	\$1,216,349	\$1,125,264	\$1,040,737	\$962,768
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$0	\$0	\$0	\$82,466,138	\$83,781,223	\$84,997,572	\$86,122,836	\$87,163,574	\$88,126,342
		Year $1 = \text{Line } 3 \times \text{Line } 9 \times 50\%$ ; then = Line									
12	Book Depreciation	3 × Line 9	\$0	\$0	\$0	\$1,495,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000
13	Cumulative Book Depreciation	Prior Year Line 13 + Current Year Line 12	\$0	\$0	\$0	\$1,495,000	\$4,485,000	\$7,475,000	\$10,465,000	\$13,455,000	\$16,445,000
14	Cumulative Book / Tax Timer	Line 11 - Line 13	\$0	\$0	\$0	\$80,971,138	\$79,296,223	\$77,522,572	\$75,657,836	\$73,708,574	\$71,681,342
15	Effective Tax Rate		21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
16	Deferred Tax Reserve	Line 14 × Line 15	\$0	\$0	\$0	\$17,003,939	\$16,652,207	\$16,279,740	\$15,888,146	\$15,478,800	\$15,053,082
17	Add: FY 2027 Federal NOL utilization	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	Net Deferred Tax Reserve before Proration Adjustment	Line 16 + Line 17	\$0	\$0	\$0	\$17,003,939	\$16,652,207	\$16,279,740	\$15,888,146	\$15,478,800	\$15,053,082
	ISR Rate Base Calculation:										
19	Cumulative Incremental Capital Included in ISR Rate Base	Line 8	\$33,333,333	\$66,666,667	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000
20	Accumulated Depreciation	- Line 13	\$0	\$0	\$0	(\$1,495,000)	(\$4,485,000)	(\$7,475,000)	(\$10,465,000)	(\$13,455,000)	(\$16,445,000)
21 22	Deferred Tax Reserve Year End Rate Base before Deferred Tax Proration	- Line 18 Sum of Lines 19 through 21	\$0 \$33,333,333	\$0 \$66,666,667	\$0 \$100,000,000	(\$17,003,939) \$81,501,061	(\$16,652,207) \$78,862,793	(\$16,279,740) \$76,245,260	(\$15,888,146) \$73,646,854	(\$15,478,800) \$71,066,200	(\$15,053,082) \$68,501,918
22	Tear End Rate base before Deferred Tax Froration	Sum of Lines 19 through 21	\$33,333,333	\$00,000,007	\$100,000,000	\$81,301,001	\$78,802,793	\$70,243,200	\$75,040,834	\$71,000,200	308,301,918
	Revenue Requirement Calculation:										
23	Average Rate Base before Deferred Tax Proration Adjustment	(Prior Year Line 22 + Current Year Line 22)									
		÷ 2	\$16,666,667	\$50,000,000	\$83,333,333	\$90,750,531	\$80,181,927	\$77,554,026	\$74,946,057	\$72,356,527	\$69,784,059
24	Proration Adjustment	Page 24 of 26, Line 41	(\$7,318)	(\$15,097)	(\$15,987)	(\$16,808)	(\$17,570)	(\$18,273)	(\$18,925)	(\$19,526)	(\$19,624)
25	Average ISR Rate Base after Deferred Tax Proration	Line 23 + Line 24	\$16,659,349	\$49,984,903	\$83,317,346	\$90,733,723	\$80,164,357	\$77,535,753	\$74,927,132	\$72,337,001	\$69,764,435
26	Pre-Tax ROR	RIPUC 4770	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%	8.41%
27 28	Return and Taxes Book Depreciation	Line 25 × Line 26 Line 12	\$1,401,051 \$0	\$4,203,730 \$0	\$7,006,989 \$0	\$7,630,706 \$1,495,000	\$6,741,822 \$2,990,000	\$6,520,757 \$2,990,000	\$6,301,372 \$2,990,000	\$6,083,542 \$2,990,000	\$5,867,189 \$2,990,000
20	- DOOK Depression	Line 12	30	30	30	\$1,475,000	\$2,770,000	\$2,770,000	32,770,000	\$2,770,000	\$2,770,000
29	Annual Revenue Requirement	Sum of Lines 27 through 28	\$1,401,051	\$4,203,730	\$7,006,989	\$9,125,706	\$9,731,822	\$9,510,757	\$9,291,372	\$9,073,542	\$8,857,189

Total Revenue Requirement 30

31 20-year NPV \$230,789,799 \$69,862,972

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 19 of 26

#### 15 (2b) Cumberland LNG investment, Spend model, recovery of book depreciation begins when placed into service The Narragansett Electric Company d/b/a National Grid FY 2022 Gas ISR Revenue Requirement Plan FY 2022 Revenue Requirement FY 2022 Forecasted Incremental Gas Capital Investm Line Fiscal Year 2034 2035 2037 No 2033 2036 2038 2039 2040 2041 (i) (k) (l) (m) (n) (o) (p) (q) (r) Depreciable Net Capital Included in ISR Rate Base Total Allowed Capital Included in ISR Rate Base in Current Year Total \$100M/3 years \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 Cumulative Allowed Capital Included in ISR Rate Base in Current Year 1a 2 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 n/a 2a Allowance for Funds Used During Construction \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 2b Cumulative AFUDC 3 Net Depreciable Capital Included in ISR Rate Base Line 1a - Line 2 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100.000.000 \$100.000.000 Change in Net Capital Included in ISR Rate Base 4 Capital Included in ISR Rate Base Line 1a \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 5 Depreciation Expense \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 Incremental Capital Amount \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 Line 4 - Line 5 Cost of Removal n/a \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$100,000,000 \$100,000,000 \$100,000,000 Net Plant Amount Line 6 + Line 7 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 Deferred Tax Calculation: RIPUC 4770 Composite Book Depreciation Rate 2.99% 2.99% 2.99% 2.99% 2.99% 2.99% 2.99% 2.99% 2.99% Year 1 = Page 23 of 26, Line 21; then = Page 10 \$823,773 \$812,843 \$812,843 \$812,660 \$812,843 \$812,660 \$812,843 Tax Depreciation 23 of 26, Col (c) \$890.447 \$812,660 11 Cumulative Tax Depreciation Prior Year Line 11 + Current Year Line 10 \$89,016,789 \$89,840,562 \$90,653,404 \$91,466,065 \$92,278,907 \$93,091,568 \$93,904,410 \$94,717,071 \$95,529,913 Year $1 = \text{Line } 3 \times \text{Line } 9 \times 50\%$ ; then = Line 12 Book Depreciation 3 × Line 9 \$2,990,000 \$2,990,000 \$2,990,000 \$2,990,000 \$2,990,000 \$2,990,000 \$2,990,000 \$2,990,000 \$2,990,000 13 Cumulative Book Depreciation Prior Year Line 13 + Current Year Line 12 \$19,435,000 \$22,425,000 \$25,415,000 \$28,405,000 \$31,395,000 \$34,385,000 \$37,375,000 \$40,365,000 \$43,355,000 14 Cumulative Book / Tax Timer Line 11 - Line 13 \$69,581,789 \$67,415,562 \$65,238,404 \$63,061,065 \$60,883,907 \$58,706,568 \$56,529,410 \$54,352,071 \$52,174,913 15 Effective Tax Rate 21.00% 21.00% 21.00% 21.00% 21.00% 21.00% 21.00% 21.00% 21.00% Line 14 × Line 15 \$14,157,268 \$13,242,824 \$12,328,379 \$11,871,176 16 Deferred Tax Reserve \$14,612,176 \$13,700,065 \$12,785,621 \$11,413,935 \$10,956,732 17 Add: FY 2027 Federal NOL utilization n/a \$0 \$0 \$0 \$0 \$14,157,268 \$13,700,065 \$13,242,824 \$12,785,621 \$12,328,379 \$11,871,176 \$11,413,935 \$10,956,732 18 Net Deferred Tax Reserve before Proration Adjustment Line 16 + Line 17 \$14 612 176 ISR Rate Base Calculation: 19 Cumulative Incremental Capital Included in ISR Rate Base Line 8 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 \$100,000,000 20 Accumulated Depreciation - Line 13 (\$19.435.000) (\$22,425,000) (\$25,415,000) (\$28,405,000) (\$31,395,000) (\$34,385,000) (\$37,375,000) (\$40,365,000) (\$43,355,000) Deferred Tax Reserve (\$14,612,176) (\$11,413,935) (\$10,956,732) 21 - Line 18 (\$14,157,268) (\$13,700,065) (\$13,242,824) (\$12,785,621) (\$12,328,379) (\$11.871.176) \$60,884,935 \$58.352.176 \$55,819,379 \$53,286,621 22 Year End Rate Base before Deferred Tax Proration \$65,952,824 \$63,417,732 \$50,753,824 \$45,688,268 Sum of Lines 19 through 21 Revenue Requirement Calculation: 23 (Prior Year Line 22 + Current Year Line 22) Average Rate Base before Deferred Tax Proration Adjustment \$67,227,371 \$59,618,556 \$54,553,000 \$52,020,222 \$49,487,445 \$64,685,278 \$62,151,334 \$57,085,778 \$46,954,667 24 (\$19,624) Proration Adjustment Page 24 of 26, Line 41 (\$19,626) (\$19,624) (\$19,626) (\$19,624) (\$19,626) (\$19,624) (\$19,626) (\$19,626) 25 Average ISR Rate Base after Deferred Tax Proration Line 23 + Line 24 \$67,207,745 \$64,665,654 \$62,131,708 \$59,598,932 \$57,066,152 \$54,533,376 \$52,000,596 \$49,467,821 \$46,935,041 26 Pre-Tax ROR RIPUC 4770 8.41% 8.41% 8.41% 8.41% 8.41% 8.41% 8.41% 8.41% 8.41% 27 \$5,225,277 \$4,799,263 \$4,586,257 \$4,373,250 \$3,947,237 Return and Taxes Line 25 × Line 26 \$5,652,171 \$5,438,381 \$5,012,270 \$4,160,244 28 Book Depreciation Line 12 \$2,990,000 \$2,990,000 \$2,990,000 \$2,990,000 \$2,990,000 \$2,990,000 \$2,990,000 \$2,990,000 \$2,990,000 29 Annual Revenue Requirement Sum of Lines 27 through 28 \$8,642,171 \$8,428,381 \$8,215,277 \$8,002,270 \$7,789,263 \$7,576,257 \$7,363,250 \$7,150,244 \$6,937,237

<sup>30</sup> Total Revenue Requirement

<sup>31 20-</sup>year NPV

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 20 of 26

(2b) Cumberland LNG investment, Spend model, recovery of book depreciation begins when placed into service
16 17 18 19 20 21 22 23 24
The Narragansett Electric Company

### d/b/a National Grid FY 2022 Gas ISR Revenue Requirement Plan

### FY 2022 Revenue Requirement FY 2022 Forecasted Incremental Gas Capital Investm

	F 1 2022 Revenue Requirement F 1 2022	rorecasted incremental Gas Capital investin	•								
Line No.			Fiscal Year 2042 (s)	Fiscal Year 2043 (t)	Fiscal Year 2044 (u)	Fiscal Year 2045 (v)	Fiscal Year 2046 (w)	Fiscal Year 2047 (x)	Fiscal Year 2048 (y)	Fiscal Year 2049 (z)	Fiscal Year 2050 (aa)
1	Depreciable Net Capital Included in ISR Rate Base Total Allowed Capital Included in ISR Rate Base in Current Year	Total \$100M/3 years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1a 2	Cumulative Allowed Capital Included in ISR Rate Base in Current Yea Retirements	ır n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 2a	Allowance for Funds Used During Construction	n/a	\$0	\$0 \$0	\$0 \$0						
2b	Cumulative AFUDC		40	40			<b>4</b> 0	90	<b>40</b>	<b>4</b> 0	
3	Net Depreciable Capital Included in ISR Rate Base	Line 1a - Line 2	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000
	Change in Net Capital Included in ISR Rate Base										
4	Capital Included in ISR Rate Base	Line 1a	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000
5	Depreciation Expense	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Incremental Capital Amount	Line 4 - Line 5	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000
7	Cost of Removal	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	Net Plant Amount	Line 6 + Line 7	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000
	Deferred Tax Calculation:										
9	Composite Book Depreciation Rate	RIPUC 4770	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%
		Year 1 =Page 23 of 26, Line 21; then = Page									
10	Tax Depreciation	23 of 26, Col (c)	\$812,660	\$812,843	\$812,660	\$812,843	\$812,660	\$406,421	\$0	\$0	\$0
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$96,342,573	\$97,155,416	\$97,968,076	\$98,780,919	\$99,593,579	\$100,000,001	\$100,000,001	\$100,000,001	\$100,000,001
		Year $1 = \text{Line } 3 \times \text{Line } 9 \times 50\%$ ; then = Line									
12	Book Depreciation	3 × Line 9	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000
13	Cumulative Book Depreciation	Prior Year Line 13 + Current Year Line 12	\$46,345,000	\$49,335,000	\$52,325,000	\$55,315,000	\$58,305,000	\$61,295,000	\$64,285,000	\$67,275,000	\$70,265,000
14	Cumulative Book / Tax Timer	Line 11 - Line 13	\$49,997,573	\$47,820,416	\$45,643,076	\$43,465,919	\$41,288,579	\$38,705,001	\$35,715,001	\$32,725,001	\$29,735,001
15	Effective Tax Rate		21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
16	Deferred Tax Reserve	Line 14 × Line 15	\$10,499,490	\$10,042,287	\$9,585,046	\$9,127,843	\$8,670,602	\$8,128,050	\$7,500,150	\$6,872,250	\$6,244,350
17	Add: FY 2027 Federal NOL utilization	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	Net Deferred Tax Reserve before Proration Adjustment	Line 16 + Line 17	\$10,499,490	\$10,042,287	\$9,585,046	\$9,127,843	\$8,670,602	\$8,128,050	\$7,500,150	\$6,872,250	\$6,244,350
	ISR Rate Base Calculation:										
19	Cumulative Incremental Capital Included in ISR Rate Base	Line 8	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000
20	Accumulated Depreciation	- Line 13	(\$46,345,000)	(\$49,335,000)	(\$52,325,000)	(\$55,315,000)	(\$58,305,000)	(\$61,295,000)	(\$64,285,000)	(\$67,275,000)	(\$70,265,000)
21	Deferred Tax Reserve	- Line 18	(\$10,499,490)	(\$10,042,287)	(\$9,585,046)	(\$9,127,843)	(\$8,670,602)	(\$8,128,050)	(\$7,500,150)	(\$6,872,250)	(\$6,244,350)
22	Year End Rate Base before Deferred Tax Proration	Sum of Lines 19 through 21	\$43,155,510	\$40,622,713	\$38,089,954	\$35,557,157	\$33,024,398	\$30,576,950	\$28,214,850	\$25,852,750	\$23,490,650
	Revenue Requirement Calculation:										
23	Average Rate Base before Deferred Tax Proration Adjustment	(Prior Year Line 22 + Current Year Line 22)									
2.4		÷ 2	\$44,421,889	\$41,889,111	\$39,356,333	\$36,823,556	\$34,290,778	\$31,800,674	\$29,395,900	\$27,033,800	\$24,671,700
24	Proration Adjustment	Page 24 of 26, Line 41	(\$19,624)	(\$19,626)	(\$23,288)	(\$26,951)	(\$26,951)	(\$26,951)	(\$26,951)	(\$26,951)	(\$26,951)
25 26	Average ISR Rate Base after Deferred Tax Proration Pre-Tax ROR	Line 23 + Line 24 RIPUC 4770	\$44,402,265 8.41%	\$41,869,485 8.41%	\$39,333,045 8.41%	\$36,796,605 8.41%	\$34,263,827 8.41%	\$31,773,723 8.41%	\$29,368,949 8.41%	\$27,006,849 8.41%	\$24,644,749 8.41%
20	Return and Taxes	Line 25 × Line 26	\$3,734,230	\$3,521,224	\$3,307,909	\$3,094,594	\$2,881,588	\$2,672,170	\$2,469,929	\$2,271,276	\$2,072,623
28	Book Depreciation	Line 25 × Line 26 Line 12	\$3,734,230	\$3,321,224	\$3,307,909	\$2,990,000	\$2,881,388	\$2,672,170	\$2,469,929	\$2,271,276	\$2,072,623
29	Annual Revenue Requirement	Sum of Lines 27 through 28	\$6,724,230	\$6,511,224	\$6,297,909	\$6,084,594	\$5,871,588	\$5,662,170	\$5,459,929	\$5,261,276	\$5,062,623
2)	Annual Revenue requirement	Sum of Lines 27 through 20	90,144,430	συ,υ11,444	30,471,707	90,004,374	93,071,300	93,004,170	93,737,749	φυ <sub>3</sub> 201 <sub>3</sub> 2/0	93,004,043

<sup>30</sup> Total Revenue Requirement

<sup>31 20-</sup>year NPV

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 21 of 26

Page	(2b)	Cumberland LNG investment, Spend model, recovery of book depreciation begins when placed into service The Narragansett Electric Company d/b/a National Grid FY 2022 Gas ISR Revenue Requirement Plan FY 2022 Revenue Requirement FY 2022 Forecasted Incremental Gas Capital Inve		25	26	27	28	29	30	31	32	33
Total Alloward Capital Included in ISR Rate Bease in Carrent   Fig. 1	No.			2051	2052	2053	2054	2055	2056	2057	2058	
Retirements	1	Total Allowed Capital Included in ISR Rate Base in Current Year		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Allowance for Funds Used Dumping Countries   1.00				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Ne Dynecashe Capital Included in ISR Rate Base   Line 1   Line 1   Suppose		Allowance for Funds Used During Construction		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital Included in ISR Rate Blase												
Capital Include in ISR Rate Base   Line Ia   Singuang	3	Net Depreciable Capital Included in ISR Rate Base	Line 1a - Line 2	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000
Poper calisine Expense												
	-	1		, ,	, ,	, ,	, ,	, ,	, ,	, ,	, ,	\$100,000,000
Control Removal   Part   Par	-		-									\$0
Deferred Tax Calculation:   Property Care Tax Calculation:   Pro		-	Line 4 - Line 5		, ,	, ,	, ,	, ,				\$100,000,000
Description   Composite Book Depreciation Rate   RIPUC 4770   2.99%	7	Cost of Removal	n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Composite Book Depreciation Rate   RIPLIC 4770   2.99%   2.9	8	Net Plant Amount	Line 6 + Line 7	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000
The Cumulative Tax Depreciation	9		RIPUC 4770	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%	2.99%
Second Depreciation   3 × Line 9   S.2990,000   S.2990,			23 of 26, Col (c)									\$0 \$100,000,001
Effective Tax Rate			3 × Line 9									\$2,990,000 \$97,175,000
Line 14 × Line 15   S.5.616,450   S.4.988,550   S.4.360,650   S.3.732,750   S.3.104,850   S.2.476,950   S1,849,050   S1,221,150   S593,251	14	Cumulative Book / Tax Timer	Line 11 - Line 13	\$26,745,001	\$23,755,001	\$20,765,001	\$17,775,001	\$14,785,001	\$11,795,001	\$8,805,001	\$5,815,001	\$2,825,001
Add: FY 2027 Federal NOL utilization   n/a   S, S0	15	Effective Tax Rate	_									21.00%
Net Deferred Tax Reserve before Proration Adjustment				,,		. , ,		, . ,	. , ,	. , ,	. , ,	\$593,250
SR Rate Base Calculation:   SR Rate Base Calculation:   SR Rate Base   Line 8   \$100,000,000			-									\$0
Cumulative Incremental Capital Included in ISR Rate Base   Line 8   \$100,000,000   \$100,000,00	18	Net Deferred Tax Reserve before Proration Adjustment	Line 16 + Line 17	\$5,616,450	\$4,988,330	\$4,300,030	\$3,/32,/30	\$3,104,830	\$2,476,930	\$1,849,030	\$1,221,130	\$393,230
Cumulative Incremental Capital Included in ISR Rate Base   Line 8   \$100,000,000   \$100,000,00		ISR Rate Base Calculation:										
Deferred Tax Reserve   Line 18   (\$5,616,450) (\$4,988,550) (\$4,360,650) (\$3,732,750) (\$3,104,850) (\$2,476,950) (\$1,849,050) (\$1,221,150) (\$593,250) (\$2,217,50) (\$2,217,50) (\$3,104,850) (\$2,476,950) (\$1,849,050) (\$1,849,050) (\$1,221,150) (\$2,931,250) (\$2,217,50) (\$2,21	19	Cumulative Incremental Capital Included in ISR Rate Base	Line 8	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000
22         Year End Rate Base before Deferred Tax Proration         Sum of Lines 19 through 21         \$\frac{\\$21,128,550\\$}{\$18,766,450\\$}\$\$\$\$\frac{\\$16,404,350\\$}{\$16,404,350\\$}\$\$\frac{\\$11,680,150\\$}{\$9,318,050\\$}\$\$\frac{\\$80,955,950\\$}{\$80,955,950\\$}\$\frac{\\$45,938,50\\$}{\$\$2,231,75\\$}\$\$           Revenue Requirement Calculation:           23         Average Rate Base before Deferred Tax Proration Adjustment         (Prior Year Line 22 + Current Year Line 22)         \$\frac{2}{2}\$         \$\frac{2}{2}\$,309,600         \$\frac{1}{9}\$,947,500         \$\frac{1}{5}\$,223,300         \$\frac{1}{2}\$,861,200         \$\frac{1}{9}\$,499,100         \$\frac{8}{3}\$,174,900         \$\frac{3}{3}\$,744,900												(\$97,175,000)
Revenue Requirement Calculation: 23 Average Rate Base before Deferred Tax Proration Adjustment  +2			-									(\$593,250)
23 Average Rate Base before Deferred Tax Proration Adjustment (Prior Year Line 22 + Current Year Line 24 + Current	22	Year End Rate Base before Deferred Tax Proration	Sum of Lines 19 through 21	\$21,128,550	\$18,766,450	\$16,404,350	\$14,042,250	\$11,680,150	\$9,318,050	\$6,955,950	\$4,593,850	\$2,231,750
23 Average Rate Base before Deferred Tax Proration Adjustment (Prior Year Line 22 + Current Year Line 24 + Current		Personna Personnant Calculations										
24         Proration Adjustment         Page 24 of 26, Line 41         (\$26,951)         (\$26,951	23		,									
25 Average ISR Rate Base after Deferred Tax Proration Line 23 + Line 24 Pre-Tax ROR RIPUC 4770 Return and Taxes Line 25 × Line 26 Rok Depreciation Line 25 × Line 26 Ripuc 4700	24	December A. Prostances								, ,		, ,
26         Pre-Tax ROR         RIPUC 4770         8.41%			_									\$0
27 Return and Taxes Line 25 × Line 26 \$1,873,971 \$1,675,318 \$1,476,666 \$1,278,013 \$1,079,360 \$880,708 \$682,180 \$485,669 \$287,012 \$1,079,000 \$1,												\$3,412,800 8.41%
28 Book Depreciation Line 12 \$2,990,000 \$2,9												
29 Annual Revenue Requirement Sum of Lines 27 through 28 \$4.863.071 \$4.665.219 \$4.466.666 \$4.269.013 \$4.060.360 \$3.870.709 \$2.673.100 \$2.475.660 \$2.277.01												\$2,990,000
2/ 1-main reference requirement 5um of line of the origin 20 57,005,71 57,005,000 57,005,000 57,007,000 53,072,100 53,072	29	Annual Revenue Requirement	Sum of Lines 27 through 28	\$4,863,971	\$4,665,318	\$4,466,666	\$4,268,013	\$4,069,360	\$3,870,708	\$3,672,180	\$3,475,669	\$3,277,016

<sup>30</sup> 31 Total Revenue Requirement

<sup>20-</sup>year NPV

### (2b) Cumberland LNG investment, Spend model, recovery of book depreciation begins when placed into service

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## The Narragansett Electric Company d/b/a National Grid

### FY 2022 Gas ISR Revenue Requirement Plan

### FY 2022 Revenue Requirement FY 2022 Forecasted Incremental Gas Capital Investm

Line No.			Fiscal Year 2060 (kk)	Fiscal Year 2061 (ll)
	Depreciable Net Capital Included in ISR Rate Base	T . 10100110	, ,	
1	Total Allowed Capital Included in ISR Rate Base in Current Year	Total \$100M/3 years	\$0	\$0
1a	Cumulative Allowed Capital Included in ISR Rate Base in Current Year			
2	Retirements	n/a	\$0	\$0
2a	Allowance for Funds Used During Construction	n/a	\$0	\$0
2b	Cumulative AFUDC			
3	Net Depreciable Capital Included in ISR Rate Base	Line 1a - Line 2	\$100,000,000	\$100,000,000
	Change in Net Capital Included in ISR Rate Base			
4	Capital Included in ISR Rate Base	Line 1a	\$100,000,000	\$100,000,000
5	Depreciation Expense	n/a	\$0	\$0
6	Incremental Capital Amount	Line 4 - Line 5	\$100,000,000	\$100,000,000
7	Cost of Removal	n/a	\$0	\$0
8	Net Plant Amount	Line 6 + Line 7	\$100,000,000	\$100,000,000
	Deferred Tax Calculation:			
9	Composite Book Depreciation Rate	RIPUC 4770	2.99%	2.99%
,	Composite Book Depreciation Rate	KII 6C 4770	2.7770	2.77/0
		Year 1 =Page 23 of 26, Line 21; then = Page		
10	Tax Depreciation	23 of 26, Col (c)	\$0	\$0
11	Cumulative Tax Depreciation	Prior Year Line 11 + Current Year Line 10	\$100,000,001	\$100,000,001
••	Cumulative Tail Bepresiation	The real Blie II - Carrein real Blie IV	0100,000,001	\$100,000,001
		Year $1 = \text{Line } 3 \times \text{Line } 9 \times 50\%$ ; then = Line		
12	Book Depreciation	3 × Line 9	\$2,825,000	\$0
13	Cumulative Book Depreciation	Prior Year Line 13 + Current Year Line 12	\$100,000,000	\$100,000,000
14	Cumulative Book / Tax Timer	Line 11 - Line 13	\$1	\$1
15	Effective Tax Rate		21.00%	21.00%
16	Deferred Tax Reserve	Line 14 × Line 15	\$0	\$0
17	Add: FY 2027 Federal NOL utilization	n/a	\$0	\$0
18	Net Deferred Tax Reserve before Proration Adjustment	Line 16 + Line 17	\$0	\$0
	ISR Rate Base Calculation:			
19	Cumulative Incremental Capital Included in ISR Rate Base	Line 8	\$100,000,000	\$100,000,000
20	Accumulated Depreciation	- Line 13	(\$100,000,000)	(\$100,000,000)
21	Deferred Tax Reserve	- Line 18	(\$0)	(\$0)
22	Year End Rate Base before Deferred Tax Proration	Sum of Lines 19 through 21	(\$0)	(\$0)
	Revenue Requirement Calculation:			
23	Average Rate Base before Deferred Tax Proration Adjustment	(Prior Year Line 22 + Current Year Line 22)		
		÷ 2	\$1,115,875	\$0
24	Proration Adjustment	Page 24 of 26, Line 41	\$0	\$0
25	Average ISR Rate Base after Deferred Tax Proration	Line 23 + Line 24	\$1,115,875	\$0
26	Pre-Tax ROR	RIPUC 4770	8.41%	8.41%
27	Return and Taxes	Line 25 × Line 26	\$93,845	\$0
28	Book Depreciation	Line 12	\$2,825,000	\$0
-	*		- //	**
29	Annual Revenue Requirement	Sum of Lines 27 through 28	\$2,918,845	\$0
30	Total Revenue Requirement			

30 Total Revenue Requirement

31 20-year NPV

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 22 of 26

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 23 of 26

### (2b) Cumberland LNG investment, Spend model, recovery of book depreciation begins when placed into service

## The Narragansett Electric Company d/b/a National Grid

### FY 2022 Gas ISR Revenue Requirement Plan

### Calculation of Tax Depreciation and Repairs Deduction on FY 2022 Incremental Capital Investments

				In-Service Year Fiscal Year				
Line								
No.				2027 (a)		(b)	(c)	(d)
	Capital Repairs Deduction			(a)		(0)	(c)	(u)
1	Plant Additions	Page 18 of 26, Line 1a		\$100,000,000		20 Vear N	ACRS Depre	ciation
2	Capital Repairs Deduction Rate	Per Tax Department	1/	81.78%	2027	20 1 Cai N	mens bepre	Ciation
3	Capital Repairs Deduction Capital Repairs Deduction	Line 1 × Line 2	1/	\$81,783,000	MACRS ba	icie.	\$18,217,000	
3	Capital Repairs Deduction	Line 1 ^ Line 2		\$61,765,000	WIACKS 08		Annual	Cumulative
					Fiscal Year		Aimuai	Cumulative
1	Bonus Depreciation				2027	3.75%	\$683,138	\$82,466,138
4	Plant Additions	Line 1		\$100,000,000	2028	7.22%	\$1,315,085	\$83,781,223
5	Less Capital Repairs Deduction	Line 3		\$81,783,000	2029	6.68%	\$1,216,349	\$84,997,572
6	Plant Additions Net of Capital Repairs Deduction	Line 4 - Line 5		\$18,217,000	2030	6.18%	\$1,125,264	\$86,122,836
7	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department		0.00%	2031	5.71%	\$1,040,737	\$87,163,574
8	Plant Eligible for Bonus Depreciation	Line 6 × Line 7		\$0	2032	5.29%	\$962,768	\$88,126,342
9	Bonus Depreciation Rate 30%	Per Tax Department		0.00%	2033	4.89%	\$890,447	\$89,016,789
10	Bonus Depreciation Rate 0%	Per Tax Department		0.00%	2034	4.52%	\$823,773	\$89,840,562
11	Total Bonus Depreciation Rate	Line 9 + Line 10		0.00%	2035	4.46%	\$812,843	\$90,653,404
12	Bonus Depreciation	Line 8 × Line 11		\$0	2036	4.46%	\$812,660	\$91,466,065
12	Bonds Bepresidion	Eme o Eme 11		Ψ	2037	4.46%	\$812,843	\$92,278,907
I	Remaining Tax Depreciation				2038	4.46%	\$812,660	\$93,091,568
13	Plant Additions	Line 1		\$100,000,000	2039	4.46%	\$812,843	\$93,904,410
14	Less Capital Repairs Deduction	Line 3		\$81,783,000	2040	4.46%	\$812,660	\$94,717,071
15	Less Bonus Depreciation	Line 12		\$0	2041	4.46%	\$812,843	\$95,529,913
16	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 13 - Line 14 - Line 15		\$18,217,000	2042	4.46%	\$812,660	\$96,342,573
17	20 YR MACRS Tax Depreciation Rates	IRS Publication 946		3.75%	2043	4.46%	\$812,843	\$97,155,416
18	Remaining Tax Depreciation	Line 16 × Line 17		\$683,138	2044	4.46%	\$812,660	\$97,968,076
	8 1			, ,	2045	4.46%	\$812,843	\$98,780,919
19	FY22 tax (gain)/loss on retirements	Per Tax Department	2/	\$0	2046	4.46%	\$812,660	\$99,593,579
20	Cost of Removal	Page 18 of 26, Line 7		\$0	2047	2.23%	\$406,421	\$100,000,000
				**	2048	0.00%	\$0	\$100,000,000
21	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 12, 18, 19 & 20		\$82,466,138	2049	0.00%	\$0	\$100,000,000
				<u> </u>		100.00%	\$18,217,000	-

<sup>1/</sup> Capital Repairs percentage is based on a three-year average of FYs 2018, 2019 and 2020 capital repairs rates.

<sup>2/</sup> FY 2022 estimated tax loss on retirements is tax department estimate

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 24 of 26

## Cumberland LNG investment, Spend model, recovery of book depreciation begins when placed into service The Narragansett Electric Company

### d/b/a National Grid FY 2022 Gas ISR Revenue Requirement Plan

### Calculation of Net Deferred Tax Reserve Proration on FY 2022 Incremental Capital Investments

				1	2	3	4	5	6	7	8	9	10	11	12	13
τ.				(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h) 2034	(i)	(j)	(k) 2037	(1)	(m)
Line No.	Deferred Tax Subject to Proration			2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
1	Book Depreciation	Page 18 of 26	Line 12	\$1,495,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2 990 000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000
2	Bonus Depreciation	- Page 23 of 26 , L		\$0	\$2,770,000	42,770,000	42,770,000	ψ2,>>0,000	02,770,000	42,770,000	42,770,000	\$2,770,000	<b>\$2,770,000</b>	42,770,000	\$2,770,000	02,550,000
	*	,	, ,,													
3	Remaining MACRS Tax Depreciation	- Page 23 of 20	5 , Col (d)	(\$683,138)	(\$1,315,085)	(\$1,216,349)	(\$1,125,264)	(\$1,040,737)	(\$962,768)	(\$890,447)	(\$823,773)	(\$812,843)	(\$812,660)	(\$812,843)	(\$812,660)	(\$812,843)
4	FY22 tax (gain)/loss on retirements	- Page 23 of 26, L	ine 19 ,Col (a)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lines 1	through 4	\$811,863	\$1,674,915	. ,,	. , ,	\$1,949,263	- // -	. ,,	. , , .	. , ,	. , ,	. , ,	. , ,	\$2,177,157
6 7	Effective Tax Rate	T		21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%
7	Deferred Tax Reserve	Line 5 × I	line 6	\$170,491	\$351,732	\$372,467	\$391,595	\$409,345	\$425,719	\$440,906	\$454,908	\$457,203	\$457,241	\$457,203	\$457,241	\$457,203
	Deferred Tax Not Subject to Proration															
8	Capital Repairs Deduction	- Page 23 of 26, L	ine 3 ,Col (a)	\$0												
9	Cost of Removal	- Page 23 of 26	, Line 20	\$0												
10	Book/Tax Depreciation Timing Difference at 3/31/2022															
11	Cumulative Book / Tax Timer	Line 8 + Line 9	+ Line 10	\$0												
12 13	Effective Tax Rate Deferred Tax Reserve	Line 11 × I	. 12	21% \$0												
13	Deferred Tax Reserve	Line 11 ^ 1	line 12	\$0												
14	Total Deferred Tax Reserve	Line 7 + L	ine 13	\$170,491	\$351,732	\$372,467	\$391,595	\$409,345	\$425,719	\$440,906	\$454,908	\$457,203	\$457,241	\$457,203	\$457,241	\$457,203
15	Net Operating Loss	Page 18 of 26		\$0												
16	Net Deferred Tax Reserve	Line 14 + I	Line 15	\$170,491	\$351,732	\$372,467	\$391,595	\$409,345	\$425,719	\$440,906	\$454,908	\$457,203	\$457,241	\$457,203	\$457,241	\$457,203
	All C SEV 2022 F.C. ( 1E 1 INOI															
17	Allocation of FY 2022 Estimated Federal NOL Cumulative Book/Tax Timer Subject to Proration	Line :		\$811,863												
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 1		\$011,803												
19	Total Cumulative Book/Tax Timer	Line 17 + I	-	\$811,863												
20	Total FY 2022 Federal NOL	Line 15 /		\$0												
21	Allocated FY 2021 Federal NOL Not Subject to Proration	(Line 18 ÷ Line 1		\$0												
22	Allocated FY 2021 Federal NOL Subject to Proration	(Line 17 ÷ Line 1	9) × Line 20	\$0												
23	Effective Tax Rate	Line 22 × I	. 22	21% \$0												
24	Deferred Tax Benefit subject to proration	Line 22 × 1	line 23	\$0												
25	Net Deferred Tax Reserve subject to proration	Line 7 + L	ine 24	\$170,491	\$351,732	\$372,467	\$391,595	\$409,345	\$425,719	\$440,906	\$454,908	\$457,203	\$457,241	\$457,203	\$457,241	\$457,203
		(h)	(i)	(j)	(k)	(k)	(k)	(k)	(k)	(k)	(k)	(k)	(k)	(k)	(k)	(k)
	Proration Calculation	Number of Days in  Month Pi	oration Percentage	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
26	April	30	91.78%	\$13,040	\$26,902	\$28,488	\$29,951	\$31,308	\$32,561	\$33,722	\$34,793	\$34,969	\$34,972	\$34,969	\$34,972	\$34,969
27	May	31	83.29%	\$11,833	\$24,412	\$25,852	\$27,179	\$28,411	\$29,548	\$30,602	\$31,574	\$31,733	\$31,735	\$31,733	\$31,735	\$31,733
28	June	30	75.07%	\$10,665	\$22,003	\$23,300	\$24,497	\$25,607	\$26,632	\$27,582	\$28,458	\$28,601	\$28,604	\$28,601	\$28,604	\$28,601
29	July	31	66.58%	\$9,459	\$19,514	\$20,664	\$21,725	\$22,710	\$23,619	\$24,461	\$25,238	\$25,365	\$25,367	\$25,365	\$25,367	\$25,365
30	August	31	58.08%	\$8,252	\$17,024	\$18,028	\$18,954	\$19,813	\$20,606	\$21,341	\$22,018	\$22,129	\$22,131	\$22,129	\$22,131	\$22,129
31	September	30	49.86%	\$7,084	\$14,615	\$15,477	\$16,272	\$17,009	\$17,690	\$18,321	\$18,903	\$18,998	\$19,000	\$18,998	\$19,000	\$18,998
32	October	31	41.37%	\$5,878	\$12,126	\$12,841	\$13,500	\$14,112	\$14,677	\$15,200	\$15,683	\$15,762	\$15,763	\$15,762	\$15,763	\$15,762
33	November	30	33.15%	\$4,710	\$9,717	\$10,290	\$10,818	\$11,308	\$11,761	\$12,180	\$12,567	\$12,630	\$12,632	\$12,630	\$12,632	\$12,630
34	December	31	24.66%	\$3,503	\$7,227	\$7,653	\$8,046	\$8,411	\$8,748	\$9,060	\$9,347	\$9,395	\$9,395	\$9,395	\$9,395	\$9,395
35	January	31	16.16%	\$2,297	\$4,738	\$5,017	\$5,275	\$5,514	\$5,735	\$5,939	\$6,128	\$6,159	\$6,159	\$6,159	\$6,159	\$6,159
36	February	28	8.49%	\$1,207	\$2,489	\$2,636	\$2,772	\$2,897	\$3,013	\$3,121	\$3,220	\$3,236	\$3,236	\$3,236	\$3,236	\$3,236
37	March	31	0.00%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	Total	365		\$77,928	\$160,769	\$170,246	\$178,989	\$187,103	\$194,586	\$201,528	\$207,928	\$208,977	\$208,995	\$208,977	\$208,995	\$208,977
20	D-C	τ		6170 401	6251 722	0272 465	0201 505	6400 245	0425 710	£440.00¢	0454 000	0457 202	0457.041	0457 202	0457 241	6457 202
39 40	Deferred Tax Without Proration Average Deferred Tax without Proration	Line 2	5	\$170,491	\$351,732	\$372,467	\$391,595	\$409,345	\$425,719	\$440,906	\$454,908	\$457,203	\$457,241	\$457,203	\$457,241	\$457,203
40	Average Deterred Tax without Proration	Line 39	< 0.5	\$85,246	\$175,866	\$186,233	\$195,797	\$204,673	\$212,859	\$220,453	\$227,454	\$228,602	\$228,621	\$228,602	\$228,621	\$228,602
41	Proration Adjustment	Line 38 - L		(\$7,318)	(\$15,097)	(\$15,987)	(\$16,808)	(\$17,570)	(\$18,273)	(\$18,925)	(\$19,526)	(\$19,624)	(\$19,626)	(\$19,624)	(\$19,626)	(\$19,624)
			(//	( //	( /- /- /- /	(,- /-)	(,)	(, /-)	(//	( //	( /)	( /)	( /)	( //	,	

<sup>(</sup>i) Sum of remaining days in the year (Col (h)) divided by 365

<sup>(</sup>j) & (k) Current Year Line 25 ÷ 12 × Current Month Col (i)

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 25 of 26

## Cumberland LNG investment, Spend model, recovery of book depreciation begins when placed into so The Narragansett Electric Company

### d/b/a National Grid

### FY 2022 Gas ISR Revenue Requirement Plan

Calculation of Net Deferred Tax Reserve Proration on FY 2022 Incremental Capital In

				14 (n)	15 (o)	16 (p)	17 (q)	18 (r)	19 (s)	20 (t)	21 (u)	22 (v)	23 (w)	24 (x)	25 (y)	26 (z)	27 (aa)
Line	Deferred Tax Subject to Proration			2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
No. 1 2	Book Depreciation Bonus Depreciation	Page 18 of 26 - Page 23 of 26 , L		\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000
3 4	Remaining MACRS Tax Depreciation FY22 tax (gain)/loss on retirements	- Page 23 of 2 - Page 23 of 26, L		(\$812,660) \$0	(\$812,843) \$0	(\$812,660) \$0	(\$812,843) \$0	(\$812,660) \$0	(\$812,843) \$0	(\$812,660) \$0	(\$406,421) \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
5 6	Cumulative Book / Tax Timer Effective Tax Rate	Sum of Lines 1	through 4	\$2,177,340 21%	\$2,177,157 21%	\$2,177,340 21%	\$2,177,157 21%	\$2,177,340 21%	\$2,177,157 21%	\$2,177,340 21%	\$2,583,579 21%	\$2,990,000	\$2,990,000 21%	\$2,990,000 21%	\$2,990,000	\$2,990,000 21%	\$2,990,000 21%
7	Deferred Tax Reserve	Line 5 × I	Line 6	\$457,241	\$457,203	\$457,241	\$457,203	\$457,241	\$457,203	\$457,241		\$627,900	\$627,900	\$627,900	\$627,900	\$627,900	\$627,900
8 9 10	Deferred Tax Not Subject to Proration Capital Repairs Deduction Cost of Removal Book/Tax Depreciation Timing Difference at 3/31/2022	- Page 23 of 26 , I - Page 23 of 26															
11 12 13	Cumulative Book / Tax Timer Effective Tax Rate Deferred Tax Reserve	Line 8 + Line 9															
14	Total Deferred Tax Reserve	Line 7 + I		\$457.241	\$457,203	\$457,241	\$457,203	\$457,241	\$457,203	\$457,241	\$542,552	\$627,900	\$627,900	\$627,900	\$627.900	\$627.900	\$627,900
15	Net Operating Loss	Page 18 of 26	, Line 17	* · · · · · · · ·	,	,		,	,	,	** .=,***=	,	*** ***	,	4	~~ <del>_</del> ,,,,,,	,
16	Net Deferred Tax Reserve	Line 14 + I	Line 15	\$457,241	\$457,203	\$457,241	\$457,203	\$457,241	\$457,203	\$457,241	\$542,552	\$627,900	\$627,900	\$627,900	\$627,900	\$627,900	\$627,900
17 18 19	Allocation of FY 2022 Estimated Federal NOL Cumulative Book/Tax Timer Subject to Proration Cumulative Book/Tax Timer Not Subject to Proration Total Cumulative Book/Tax Timer	Line 5 Line 11 Line 17 + Line 18															
20 21 22 23	Total FY 2022 Federal NOL Allocated FY 2021 Federal NOL Not Subject to Proration Allocated FY 2021 Federal NOL Subject to Proration Effective Tax Rate	Line 15 / (Line 18 ÷ Line 1 (Line 17 ÷ Line 1	9) × Line 20														
24	Deferred Tax Benefit subject to proration	Line 22 × I	Line 23														
25	Net Deferred Tax Reserve subject to proration	Line 7 + L	ine 24	\$457,241	\$457,203	\$457,241	\$457,203	\$457,241	\$457,203	\$457,241	\$542,552	\$627,900	\$627,900	\$627,900	\$627,900	\$627,900	\$627,900
		(h) Number of Days in	(i)	(k)													
26	Proration Calculation April	Month P 30	roration Percentage 91.78%	2040 \$34,972	2041 \$34,969	2042 \$34,972	2043 \$34,969	2044 \$34,972	2045 \$34,969	2046 \$34,972	2047 \$41,497	2048 \$48,024	2049 \$48,024	2050 \$48,024	2051 \$48,024	2052 \$48,024	2053 \$48,024
26 27	Aprii May	31	91.78% 83.29%	\$34,972 \$31,735	\$34,969	\$34,972 \$31,735	\$34,969	\$34,972 \$31,735	\$34,969	\$34,972 \$31,735	\$41,497	\$48,024 \$43,580	\$48,024 \$43,580	\$48,024 \$43,580	\$48,024 \$43,580	\$48,024 \$43,580	\$48,024 \$43,580
28	June	30	75.07%	\$28,604	\$28,601	\$28,604	\$28,601	\$28,604	\$28,601	\$28,604	\$33,940	\$39,280	\$39,280	\$39,280	\$39,280	\$39,280	\$39,280
29	July	31	66.58%	\$25,367	\$25,365	\$25,367	\$25,365	\$25,367	\$25,365	\$25,367	\$30,100	\$34,836	\$34,836	\$34,836	\$34,836	\$34,836	\$34,836
30	August	31	58.08%	\$22,131	\$22,129	\$22,131	\$22,129	\$22,131	\$22,129	\$22,131	\$26,260	\$30,392	\$30,392	\$30,392	\$30,392	\$30,392	\$30,392
31	September	30	49.86%	\$19,000	\$18,998	\$19,000	\$18,998	\$19,000	\$18,998	\$19,000	\$22,544	\$26,091	\$26,091	\$26,091	\$26,091	\$26,091	\$26,091
32	October	31	41.37%	\$15,763	\$15,762	\$15,763	\$15,762	\$15,763	\$15,762	\$15,763	\$18,704	\$21,647	\$21,647	\$21,647	\$21,647	\$21,647	\$21,647
33	November	30	33.15%	\$12,632	\$12,630	\$12,632	\$12,630	\$12,632	\$12,630	\$12,632	\$14,988	\$17,346	\$17,346	\$17,346	\$17,346	\$17,346	\$17,346
34	December	31	24.66%	\$9,395	\$9,395	\$9,395	\$9,395	\$9,395	\$9,395	\$9,395	\$11,148	\$12,902	\$12,902	\$12,902	\$12,902	\$12,902	\$12,902
35	January	31	16.16%	\$6,159	\$6,159	\$6,159	\$6,159	\$6,159	\$6,159	\$6,159	\$7,308	\$8,458	\$8,458	\$8,458	\$8,458	\$8,458	\$8,458
36	February	28	8.49%	\$3,236	\$3,236	\$3,236	\$3,236	\$3,236	\$3,236	\$3,236	\$3,840	\$4,444	\$4,444	\$4,444	\$4,444	\$4,444	\$4,444
37	March	31	0.00%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	Total	365		\$208,995	\$208,977	\$208,995	\$208,977	\$208,995	\$208,977	\$208,995	\$247,988	\$286,999	\$286,999	\$286,999	\$286,999	\$286,999	\$286,999
39 40	Deferred Tax Without Proration Average Deferred Tax without Proration	Line 2		\$457,241	\$457,203	\$457,241	\$457,203	\$457,241	\$457,203	\$457,241	\$542,552	\$627,900	\$627,900	\$627,900	\$627,900	\$627,900	\$627,900
41	Proration Adjustment	Line 39 × 0.5 Line 38 - Line 40		\$228,621 (\$19,626)	\$228,602 (\$19,624)	\$228,621 (\$19,626)	\$228,602 (\$19,624)	\$228,621 (\$19,626)	\$228,602 (\$19,624)	\$228,621 (\$19,626)	\$271,276 (\$23,288)	\$313,950 (\$26,951)	\$313,950 (\$26,951)	\$313,950 (\$26,951)	\$313,950 (\$26,951)	\$313,950 (\$26,951)	\$313,950 (\$26,951)

<sup>(</sup>i) Sum of remaining days in the year (Col (h)) divided by 365

<sup>(</sup>j) & (k) Current Year Line 25 ÷ 12 × Current Month Col (i)

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 5099 Attachment MAL-2 Page 26 of 26

## Cumberland LNG investment, Spend model, recovery of book depreciation begins when placed into so The Narragansett Electric Company

### d/b/a National Grid

### FY 2022 Gas ISR Revenue Requirement Plan

### Calculation of Net Deferred Tax Reserve Proration on FY 2022 Incremental Capital In

			28 (bb)	29 (cc)	30 (dd)	31 (ee)	32 (ff)	33 (gg)	34 (hh)	35 (ii)	
Line				2054	2055	2056	2057	2058	2059	2060	2061
No.	Deferred Tax Subject to Proration	D 10 /		62 000 000	62 000 000	62 000 000	62 000 000	62 000 000	62 000 000	62 025 000	0.0
1 2	Book Depreciation Bonus Depreciation	Page 18 of 26, Line 12 - Page 23 of 26, Line 12, Col (a)		\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,990,000	\$2,825,000	\$0
2	Bonus Depreciation	- rage 23 01 20	, Line 12 ,Coi (a)								
3	Remaining MACRS Tax Depreciation	- Page 23 of 26, Col (d)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	FY22 tax (gain)/loss on retirements	- Page 23 of 26, Line 19, Col (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4 \$			\$2,990,000				\$2,990,000		\$0
6	Effective Tax Rate			21%	21%	21%	21%	21%	21%		21%
7	Deferred Tax Reserve	Line 5	× Line 6	\$627,900	\$627,900	\$627,900	\$627,900	\$627,900	\$627,900	\$593,250	\$0
	Deferred Tax Not Subject to Proration										
8	Capital Repairs Deduction		, Line 3 ,Col (a)								
9	Cost of Removal	- Page 23 o	f 26, Line 20								
10	Book/Tax Depreciation Timing Difference at 3/31/2022	* · · · · · · · · · · ·	0.11.10								
11 12	Cumulative Book / Tax Timer Effective Tax Rate	Line 8 + Lir	ne 9 + Line 10								
13	Deferred Tax Reserve	Line 11	× Line 12								
13	Deterred Tax Reserve	Line 11	~ Ellic 12								
14	Total Deferred Tax Reserve	Line 7	+ Line 13	\$627,900	\$627,900	\$627,900	\$627,900	\$627,900	\$627,900	\$593,250	\$0
15	Net Operating Loss	Page 18 of 26, Line 17									
16	Net Deferred Tax Reserve	Line 14 + Line 15		\$627,900	\$627,900	\$627,900	\$627,900	\$627,900	\$627,900	\$593,250	\$0
	Allocation of FY 2022 Estimated Federal NOL										
17	Cumulative Book/Tax Timer Subject to Proration	Line 5									
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11									
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18									
20	Total FY 2022 Federal NOL	Line 15 / 21%									
21	Allocated FY 2021 Federal NOL Not Subject to Proration	(Line 18 ÷ Line 19 ) × Line 20									
22	Allocated FY 2021 Federal NOL Subject to Proration	(Line 17 ÷ Line 19 ) × Line 20									
23	Effective Tax Rate										
24	Deferred Tax Benefit subject to proration	Line 22 × Line 23									
25	Net Deferred Tax Reserve subject to proration	Line 7	+ Line 24	\$627,900	\$627,900	\$627,900	\$627,900	\$627,900	\$627,900	\$593,250	\$0
		(h) (i) Number of Days in		(k)	(k)						
	Proration Calculation	Month	Proration Percentage	2054	2055	2056	2057	2058	2059	2060	2061
26	April	30	91.78%	\$48,024	\$48,024	\$48,024	\$48,024	\$48,024	\$48,024	\$45,374	\$0
27	May	31	83.29%	\$43,580	\$43,580	\$43,580	\$43,580	\$43,580	\$43,580	\$41,175	\$0
28	June	30	75.07%	\$39,280	\$39,280	\$39,280	\$39,280	\$39,280	\$39,280	\$37,112	\$0
29	July	31	66.58%	\$34,836	\$34,836	\$34,836	\$34,836	\$34,836	\$34,836	\$32,913	\$0
30	August	31	58.08%	\$30,392	\$30,392	\$30,392	\$30,392	\$30,392	\$30,392	\$28,714	\$0
31 32	September October	30 31	49.86% 41.37%	\$26,091 \$21,647	\$26,091 \$21,647	\$26,091 \$21,647	\$26,091 \$21,647	\$26,091 \$21,647	\$26,091 \$21,647	\$24,651 \$20,452	\$0 \$0
33	November	30	33.15%	\$17,346	\$17,346	\$17,346	\$17,346	\$17,346	\$17,346	\$16,389	\$0 \$0
34	December	31	24.66%	\$12,902	\$17,340	\$17,340	\$17,540	\$17,340	\$17,340	\$12,190	\$0
35	January	31	16.16%	\$8,458	\$8,458	\$8,458	\$8,458	\$8,458	\$8,458	\$7,991	\$0
36	February	28	8.49%	\$4,444	\$4,444	\$4,444	\$4,444	\$4,444	\$4,444	\$4,199	\$0
37	March	31 0.00%		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	Total	365		\$286,999	\$286,999	\$286,999	\$286,999	\$286,999	\$286,999	\$271,161	\$0
39	Deferred Tax Without Proration	Lir	ne 25	\$627,900	\$627,900	\$627,900	\$627,900	\$627,900	\$627,900	\$593,250	\$0
40	Average Deferred Tax without Proration									, - *	
	-		39 × 0.5	\$313,950	\$313,950	\$313,950	\$313,950	\$313,950	\$313,950	\$296,625	\$0
41	Proration Adjustment	Line 38	- Line 40	(\$26,951)	(\$26,951)	(\$26,951)	(\$26,951)	(\$26,951)	(\$26,951)	(\$25,464)	\$0

<sup>(</sup>i) Sum of remaining days in the year (Col (h)) divided by 365

<sup>(</sup>j) & (k) Current Year Line 25 ÷ 12 × Current Month Col (i)